

Page 1 of 9 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0010 Replacing version dated / version: 27.07.2021 / 0009 Valid from: 01.11.2021 PDF print date: 01.11.2021 COSMO PU-100.260	The mixture does not contain any vPvB substance (vPvB = v included under XIII of the regulation (EC) 1907/2006 (< 0.1 % The mixture does not contain any PBT substance (PBT = pe under XIII of the regulation (EC) 1907/2006 (< 0.1 %). The mixture does not contain any substance with endocrine	 «). rsistent, bioaccumulative, toxic) or is not included disrupting properties (< 0,1 %).
(COSMOPUR 1841)	SECTION 3: Composition/info	ormation on ingredients
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II SECTION 1: Identification of the substance/mixture and of the	3.1 Substances ^{n.a.} 3.2 Mixtures	
	Diphenylmethanediisocyanate, isomeres and	
company/undertaking	homologues	
	Registration number (REACH) Index	
1.1 Product identifier	EINECS, ELINCS, NLP, REACH-IT List-No.	
	CAS	9016-87-9
COSMO PU-100.260	content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	10-<25 Acute Tox. 4, H332 Skin Irrit. 2, H315
(COSMOPUR 1841)		Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317
1.2 Relevant identified uses of the substance or mixture and uses advised against		Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as
Relevant identified uses of the substance or mixture:		inhalation)
Adhesive Uses advised against: No information available at present.	Specific Concentration Limits and ATE	Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 %
No information available at present.		ATE (as inhalation): 1,5 mg/l/4h
1.3 Details of the supplier of the safety data sheet		
Weiss Chemie + Technik GmbH & Co. KG Hansastrasse 2	4,4'-methylenediphenyl diisocyanate	
35708 Haiger	Registration number (REACH) Index	01-2119457014-47-XXXX 615-005-00-9
Tel: +49 (0) 2773 / 815-0	EINECS, ELINCS, NLP, REACH-IT List-No.	202-966-0
msds@weiss-chemie.de	CAS	101-68-8
www.weiss-chemie.de	content %	1-<10 Acute Tox. 4, H332
	Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Skin Irrit. 2, H315
Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO		Eye Irrit. 2, H319 Resp. Sens. 1, H334
NOT use for requesting Safety Data Sheets.		Skin Sens. 1, H317 Carc. 2, H351
1.4 Emergency telephone number Emergency information services / official advisory body:		STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation)
Telephone number of the company in case of emergencies: +49 (0) 700 / 24 112 112 (WIC) +1 872 5888271 (WIC)	Specific Concentration Limits and ATE	Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation, Aerosol): 1,5 mg/l/4h
CECTION 2: Upperde identification		ATE (as initialation, Aerosol). 1,5 mg//4m
SECTION 2: Hazards identification	o-(p-isocyanatobenzyl)phenyl isocyanate	
	Registration number (REACH)	01-2119480143-45-XXXX
2.1 Classification of the substance or mixture	Index EINECS, ELINCS, NLP, REACH-IT List-No.	615-005-00-9 227-534-9
Classification according to Regulation (EC) 1272/2008 (CLP)	CAS	5873-54-1
Hazard class Hazard category Hazard statement	content %	1-<5
Eye Irrit. 2 H319-Causes serious eye irritation.	Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H332
STOT SE 3 H335-May cause respiratory irritation.	(CLP), M-factors	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Skin Irrit. 2 H315-Causes skin irritation.		Resp. Sens. 1, H334
Resp. Sens. 1 H334-May cause allergy or asthma		Skin Sens. 1, H317
symptoms or breathing difficulties if inhaled.		Carc. 2, H351 STOT SE 3, H335
Skin Sens. 1 H317-May cause an allergic skin reaction.		STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as
Carc. 2 H351-Suspected of causing cancer.		inhalation)
STOT RE 2 H373-May cause damage to organs through	Specific Concentration Limits and ATE	Skin Irrit. 2, H315: >=5 %
prolonged or repeated exposure by		Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 %
inhalation (respiratory system).		STOT SE 3, H335: >=5 %
		ATE (as inhalation, Aerosol): 1,5 mg/l/4h
2.2 Label elements	2,2'-methylenediphenyl diisocyanate	
Labeling according to Regulation (EC) 1272/2008 (CLP)	Registration number (REACH)	01-2119927323-43-XXXX
	Index	615-005-00-9
	EINECS, ELINCS, NLP, REACH-IT List-No.	219-799-4 2536-05-2
	CAS content %	0,1-<1
	Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H332
	(CLP), M-factors	Skin Irrit. 2, H315
		Eye Irrit. 2, H319 Resp. Sens. 1, H334
		Skin Sens. 1, H317
V V		Carc. 2, H351
		STOT SE 3, H335
Danger		STOT RE 2, H373 (respiratory system) (as inhalation)
	Specific Concentration Limits and ATE	Skin Irrit. 2, H315: >=5 %
H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin	-	Eye Irrit. 2, H319: >=5 %
irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-		Resp. Sens. 1, H334: >=0,1 %
May cause an allergic skin reaction. H351-Suspected of causing cancer. H373-May cause damage to organs through prolonged or repeated exposure by inhalation (respiratory system).		STOT SE 3, H335: >=5 %
damage to organs through prolonged or repeated exposure by inhalation (respiratory system)		ATE (as inhalation, Aerosol): 1,5 mg/l

P201-Obtain special instructions before use. P260-Do not breathe vapours or spray. P280-Wear protective gloves / protective clothing / eye protection / face protection. P284-Wear respiratory protection. P302+P352-IF ON SKIN: Wash with plenty of water / soap. P304+P340-IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313-IF exposed or concerned: Get medical advice / attention.

EUH204-Contains isocyanates. May produce an allergic reaction.

As from 24 August 2023 adequate training is required before industrial or professional use. Diphenylmethanediisocyanate, isomeres and homologues 4,4-methylenediphenyl diisocyanate o-(p-isocyanatbenzyl)phenyl isocyanate 2,2-methylenediphenyl diisocyanate

2.3 Other hazards

Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.

Impurities, test data and additional information may have been taken into account in classifying and labelling Impurities, test data and additional information may have been taken mix account in classifying and locating the product. For the text of the H-phrases and classification codes (GHS/CLP), see Section 16. The substances named in this section are given with their actual, appropriate classification! For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

If the person is unconscious, place in a stable side position and consult a doctor. Respiratory arrest - Artificial respiration apparatus necessary.

4.1 Description of first aid measures First-aiders should ensure they are protected! Never pour anything into the mouth of an unconscious person!

Inhalation



Page 2 of 9									
i ago 2 oi 8	Use working methods								
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II			neasures at the w)				
Revision date / version: 01.11.2021 / 0010	General hygiene meas Wash hands before br		f chemicals are applicat	ole.					
Replacing version dated / version: 27.07.2021 / 0009 Valid from: 01.11.2021	Keep away from food,								
PDF print date: 01.11.2021			e equipment before ente	-		ood is cons	umed.		
COSMO PU-100.260			ncluding any inco	ompatibi	lities				
(COSMOPUR 1841)	Keep out of access to Not to be stored in gan		15.						
	Store product closed a	and only in original pack							
Skin contact	Keep protected from d								
Wipe off residual product carefully with a soft, dry cloth.	Only store at temperate Store in a dry place.	ures from 15°C to 25°C							
Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.	Store in a dry place. 7.3 Specific end use(s)								
Dab away with polyethylene glycol 400	Adhesive								
Eye contact	SECT		ure controls/pe	rconal	nroto	otion			
Remove contact lenses.	JECH	ion o. Exposi	ire controis/pe	15011ai	prote	CLION			
Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available. Ingestion									
Rinse the mouth thoroughly with water.	8.1 Control para	meters							
Do not induce vomiting - give copious water to drink. Consult doctor immediately.							_		
4.2 Most important symptoms and effects, both acute and delayed	GB Chemical Name	e Diphenylme	thanediisocyanate, isom	ieres and he	omologue	IS	Content %:10-		
If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. The following may occur:							<25		
Dermatitis (škin inflammation)	WEL-TWA: 0,02 mg/ all (as -NCO))	/m3 (Isocyanates,	WEL-STEL: 0,07 mg all (as -NCO))	/m3 (Isocya	inates,				
Drying of the skin.	Monitoring procedures	:							
Allergic contact eczema Discoloration of the skin	BMGV: 1 µmol isocy	anate-derived diamine	mol creatinine in urine		formation				
Irritant to mucosa of the nose and throat	(At the end of the period	od of exposure)		(Isocya	nates, all	(as -NCO))			
Coughing Headaches	GB Chemical Name	e 4,4'-methyle	nediphenyl diisocyanate	9			Content		
Effect on the central nervous system	-	/ 0 //		/ O. /			%:1-<10		
Asthmatic symptoms	WEL-TWA: 0,02 mg/ all (as -NCO))	mo (isocyanates,	WEL-STEL: 0,07 mg all (as -NCO))	/IIIS (ISOCYa	mates,				
In case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms. Respiratory distress	Monitoring procedures		SO 16702 (Workplace a						
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.			ocyanate groups in air u quid chromatography) -		nethoxyph	nenylpipera	zine and		
4.3 Indication of any immediate medical attention and special treatment needed		N	IDHS 25/4 (Organic iso	cyanates in	air – Labo	oratory met	nod using		
In case of irritation of the lungs, perform first-aid with controlled-dosage aerosol dexamethasone. Pulmonary oedema prophylaxis		S	ampling either onto 2-(1	 methoxyph 	nenylpiper	razine coate	d glass		
Medical supervision necessary due to possibility of delayed reaction.		fi	bre filters followed by so nalysis using high perfo	lvent desor	ption or ir iid chrom:	nto impingei	s and		
		- E	U project BC/CEN/ENT	R/000/2002	-16 card	7-4 (2004)	2010		
SECTION 5: Firefighting measures		- N	IIOSH 5521 (ISOCYAN	ATES, MON	OMERIC) - 1994			
		- N	IIOSH 5522 (ISOCYAN/ IIOSH 5525 (ISOCYAN/	ATES TOT	98 Al (MAP)) - 2003			
5.1 Extinguishing media		- C	SHA 18 (Diisocyanates	2,4-TDI an	d MDI) - 1	980			
Suitable extinguishing media	DMCV/r 4 umplinger		SHA 47 (Methylene Bis						
CO2	(At the end of the perio		mol creatinine in urine		nformatior nates, all	(as -NCO))			
Extinction powder Water jet spray			otoboom d)obooud ioooud				Content		
Foam	GB Chemical Name	e o-(p-isocyar	atobenzyl)phenyl isocya	mate			%:1-<5		
Unsuitable extinguishing media	WEL-TWA: 0,02 mg/	/m3 (Isocyanates,	WEL-STEL: 0,07 mg	/m3 (Isocya	inates,				
High volume water jet	all (as -NCO)) Monitoring procedures		all (as -NCO))						
5.2 Special hazards arising from the substance or mixture In case of fire the following can develop:			mol creatinine in urine	Other in	formation	n: Sen			
Oxides of carbon	(At the end of the period	od of exposure)		(Isocya	nates, all	(as -NCO))			
Oxides of nitrogen	GB Chemical Name	e 2,2'-methyle	nediphenyl diisocyanate)			Content		
lsocyanates Hydrocyanic acid (hydrogen cyanide)		- , , .					%:0,1-		
Toxic gases	WEL-TWA: 0,02 mg/	m3 (leogyapates	WEL-STEL: 0,07 mg	m3 (leocua	nates		<1		
Danger of bursting (explosion) when heated	all (as -NCO))	ino (isocyanates,	all (as -NCO))	/113 (130Cya	inates,				
E.D. Advise for firstinktore									
5.3 Advice for firefighters	Monitoring procedures		-	Othersia	(
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes.	BMGV: 1 µmol isocy	anate-derived diamine	- mol creatinine in urine		nformation				
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.	BMGV: 1 µmol isocy (At the end of the perio	anate-derived diamine, od of exposure)				n: Sen (as -NCO))	Canton		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary.	BMGV: 1 µmol isocy	anate-derived diamine, od of exposure)					Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water.	BMGV: 1 µmol isocy (At the end of the period (At the end of the period (At the end of the period (At the end of the period) (At t	e Silica, amor 3 (total inh. dust),							
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary.	BMGV: 1 µmol isocy (At the end of the period B Chemical Name WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust)	anate-derived diamine, od of exposure) e Silica, amor 3 (total inh. dust),	phous			(as -NCO))			
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water.	BMGV: 1 µmol isocy (At the end of the period (At the end of the period (At the end of the period (At the end of the period) (At t	anate-derived diamine, od of exposure) e Silica, amor 3 (total inh. dust),	phous	(Isocya		(as -NCO)) 			
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior (At the end of the perior WEL-TWA: 6 mg/m3 2.4 mg/m3 (resp. dust) Monitoring procedures BMGV:	anate-derived diamine, of exposure) e Silica, amor 8 (total inh. dust),	phous WEL-STEL:	(Isocya	nates, all	(as -NCO)) 	%:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior) (At the perior) (At the perior) (At the perior) (At the end of the perior) (At the perior) (At the end of the peri	anate-derived diamine. od of exposure)	phous WEL-STEL: - bonate	(Isocya	nates, all	(as -NCO)) 			
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (C) Chemical Name WEL-TWA: 4 mg/m3	anate-derived diamine ad of exposure)	phous WEL-STEL:	(Isocya	nates, all	(as -NCO)) 	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior) (At the perior) (At the perior) (At the perior) (At the end of the perior) (At the perior) (At the end of the peri	anate-derived diamine. od of exposure) Silica, amor (total inh. dust), Calcium car (respirable dust), ble dust),	phous WEL-STEL: - bonate WEL-STEL:	(Isocya	nates, all	(as -NCO))	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (G) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala	anate-derived diamine. od of exposure) Silica, amor (total inh. dust), Calcium car (respirable dust), ble dust),	phous WEL-STEL: - bonate WEL-STEL:	Other ir	nates, all	(as -NCO))	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products.	BMGV: 1 µmol isocy (At the end of the perior (At the end of the perior) (At the perior (At the end o	anate-derived diamine. od of exposure) Silica, amor (total inh. dust),	phous WEL-STEL: - bonate WEL-STEL:	Other ir	nates, all	(as -NCO))	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary.	BMGV: 1 µmol isocy (At the end of the peric (At the end of the peric WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (C) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV:	anate-derived diamine. od of exposure)	phous WEL-STEL: - bonate WEL-STEL:	Other ir	nates, all	(as -NCO))	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Der on-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid dustalation, and contact with eyes or skin.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine ad of exposure)	phous WEL-STEL: - bonate WEL-STEL:	(Isocyar	nates, all	(as -NCO)) 1: 1:	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent containmation. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping.	BMGV: 1 µmol isocy (At the end of the peric (At the end of the peric WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (C) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV:	anate-derived diamine. od of exposure)	phous WEL-STEL: bonate WEL-STEL:	Other ir	nates, all	(as -NCO))	%: Content		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine ad of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other ir Other ir Other ir Descri ptor	nates, all nformation nformation Valu e	(as -NCO)) 1: 1: Unit	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient venitation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. od of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar	nates, all	(as -NCO)) 1: 1:	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2 Environmental precautions Heakage occurs, dam up.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. od of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other ir Other ir Other ir Descri ptor	nates, all nformation nformation Valu e	(as -NCO)) 1: 1: Unit	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2 Environmental precautions If leakage occurs, dam up. Resolve leaks if this possible without risk.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. ad of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other in Other in Descri ptor PNEC PNEC	nates, all nformation nformation Valu e 1 0,1	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient section is of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2.Evrimonmental precautions It leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent sufface and ground-water infiltration, as well as ground penetration.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. od of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other ir Other ir Descri ptor PNEC	nates, all nformation nformation Valu e 1	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2.Environmental precautions If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent form emerging system. If accidental entry into drainage system.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine ad of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other in Other in Descri ptor PNEC PNEC PNEC	nates, all nformation nformation Valu e 1 0,1 1	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective, infecessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient section is of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2.2 For emergency responders It eakage occurs, dam up. Resolve leaks if this possible without risk. Prevent form entering drainage system. It accidental entry into drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. od of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other in Other in Descri ptor PNEC PNEC	nates, all nformation nformation Valu e 1 0,1	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.2 Environmental precautions If lakage occuts, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent forme metering drainage system. If accidental entry into drainage system occurs, inform responsible authorities. 6.3 Methods and material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine od of exposure)	phous WEL-STEL: bonate WEL-STEL: - Effect on	(Isocyar (Isocyar Other in Other in Descri ptor PNEC PNEC PNEC	nates, all nformation nformation Valu e 1 0,1 1	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to provent containmation. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 7.5. Environmental precautions If aplicable, caution - risk of slipping. 8.6. Environmental precautions If lakage occurs, dam up. Resolve leaks if this possible without risk. Prevent form entering drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine. od of exposure)	bonous WEL-STEL: bonate WEL-STEL: Effect on health	(Isocyar (Isocyar Other in Other in Other in Other in PNEC PNEC PNEC PNEC PNEC	Notes, all notes, all notes, all notes, all notes, all notes, all notes, and	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, remove sources of ignition. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2 Environmental precautions If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. Keep moist.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CB) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher	anate-derived diamine od of exposure)	bonous WEL-STEL: bonate WEL-STEL: Effect on health	(Isocyar (Isocyar Other in Other in Other in Other in PNEC PNEC PNEC PNEC PNEC	Notes, all notes, all notes, all notes, all notes, all notes, all notes, and	(as -NCO))	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient setupply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	BMGV: 1 µmol isocy (At the end of the period (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CP) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. ad of exposure)	Phous WEL-STEL: bonate WEL-STEL: Effect on health Short term, systemic effects	(Isocyar (Isocyar (Isocyar Other in Other in Other in Other in Other in PNEC PNEC PNEC PNEC PNEC DNEL	Valu offormation valu 0 1 0,1 1 10 20	(as -NCO)) 	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient system of the	BMGV: 1 µmol isocy (At the end of the period (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (C) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine ad of exposure)	Phous WEL-STEL: Effect on health Effect on health B Short term, systemic effects Short term,	(Isocyar Other in Other in Other in Descriptor PNEC PNEC PNEC PNEC PNEC PNEC	nates, all nformation nformation Valu e 1 0,1 1 1 10	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient setupply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	BMGV: 1 µmol isocy (At the end of the period (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CP) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. ad of exposure)	e Short term, local effects Short term, local effects Short term, local effects Short term, local effects	(Isocyar (Isocyar (Isocyar Other in Other in Other in Other in Other in PNEC PNEC PNEC PNEC PNEC DNEL	Valu offormation valu 0 1 0,1 1 10 20	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, remove sources of ignition. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2 Environmental precautions If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent sufficient entering drainage system. If accident alterity into drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. Keep mois. Do not close packing drum. CO2 formation in closed tanks causes pressure to rise. 6.4 Reference to other sections For personal protective equipment see Section 8 and for disposal instructions see Section 13.	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL: Effect on health Short term, systemic effects Short term, local effects Short term, systemic effects Short term, local effects Short term, systemic effects Short term,	(Isocyar Other ir Other ir Other ir PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL	nates, all nformation nformation Valu e 1 0,1 1 1 10 20 17,2 25	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient ventilation, remove sources of ignition. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1.2 For emergency responders Mease so for solitable protective equipment and material specifications. 6.2 Environmental precautions If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent sufficient entring drainage system. If accident and try ind brainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. 6.4 Reference to other sections	BMGV: 1 µmol isocy (At the end of the period (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL: Effect on health Effect on health Short term, systemic effects Short term, local effects Short term, systemic effects Short term, Systemic effects Short term, Short term, Systemic effects Short term,	(Isocyar Other in Other in Descri ptor PNEC PNEC PNEC PNEC PNEC PNEC DNEL DNEL	Valu offormation valu 0 1 0,1 1 10 20 17,2	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
<text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text>	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL: Effect on health Effect on health B Short term, local effects Short term, local effect Short term, loc	(Isocyar Other ir Other ir Other ir PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL	nates, all nformation nformation Valu e 1 0,1 1 1 10 20 17,2 25	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
 For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In ace of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient venitation, nerove sources of ignition. Avoid dust formation with solid or powder products. Lave the danger zone if possible, use existing emergency plans if necessary. Largue the danger zone if possible, use existing emergency plans if necessary. Largue the danger zone if nossible, use existing emergency plans. 1.4 Protective equipment sets of sliption. Avoid inhalation, and contact with eyes or skin. It aplicable, caution - risk of slippin. 2.4 Environental precautions Baso 	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine od of exposure)	e Short term, systemic effects Short term, local effects Short term, systemic effects Short term, local effect Short term,	(Isocyar Other in Other in Descriptor PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL DNEL DNEL DNEL DNEL	nates, all information information Valu e 1 0,1 1 1 1 10 20 17,2 25 0,05 0,05	(as -NCO)) (as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
 For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protective respirator with independent air supply. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal procautions, protective equipment and emergency procedures 6.1.1 Cor non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 8.1.2 For emergency responder Be see to 8 for suitable protective equipment and material specifications. 8.2 Environmental precautions Metale accust and mup. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent surface and material for containment and cleaning up Soak up with absorber thaterial (e. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Althout to a few days in an unclosed container until reaction no longer occurs. Ketter of a few days in an unclosed container until reaction no longer occurs. Leave the days of according to Section 13. Althout to a few days in an unclosed container until reaction no longer occurs. Leave the dave for the text days in an	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL:	(Isocyar Other in Other in Other in Other in Descriptor PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL DNEL DNEL	nates, all information information Valu e 1 0,1 1 1 1 10 20 17,2 25 0,05	(as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
 For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Personal precautions, protective equipment and emergency procedures 6.1 Por non-emergency personnel In ace of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient venitation, nerove sources of ignition. Avoid dust formation with solid or powder products. Lave the danger zone if possible, use existing emergency plans if necessary. Largue the danger zone if possible, use existing emergency plans if necessary. Largue the danger zone if nossible, use existing emergency plans. 1.4 Protective equipment sets of sliption. Avoid inhalation, and contact with eyes or skin. It aplicable, caution - risk of slippin. 2.4 Environental precautions Baso 	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application	anate-derived diamine od of exposure)	Phous WEL-STEL:	(Isocyar Other in Other in Descriptor PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL DNEL DNEL DNEL DNEL	nates, all information information Valu e 1 0,1 1 1 1 10 20 17,2 25 0,05 0,05 0,02 5 0,02	(as -NCO)) (as -NCO)) (as -NCO)) (as -NCO) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Col container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 61 Personal precautions, protective equipment and emergency procedures 6.1 Per non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, renove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. 6.1 Ef or emergency responders . See section 8 for suitable protective equipment and material specifications. 7.2 Environmental precautions If lakage occurs, dam up. Resolve leaks if this possible without risk. Prevent form entering drainage system. If accidental entry into drainage system. If accidental entry into drainage system. If accidental entry into drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. May moist. 8.5 ECTION 7: Handling and storage Mu to dispose dotted tarks causes pressure to rise. 8.6 Agreence to other sections The resonal protective equipment see Section 8 and for disposal instructions see Section 13. 1.5 ECTION 7: Handling and storage 1.6 Accidental encommendations Mod inhalation of the vapours.	BMGV: 1 µmol iscoy (At the end of the period Chemical Name WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer	anate-derived diamine. od of exposure)	Phous WEL-STEL:	(Isocyar Other in Other in Other in Post Phec PNEC PNEC PNEC PNEC DNEL DNEL	Value andormation volume 1 0,1 1 0,1 1 0,1 1 0,1 1 0,1 1 0,1 1 0,01 1,20 1,7,2 25 0,05 0,05 0,05 0,02 5	(as -NCO)) 	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Col container at risk with water. Dispose of contaminated extinction water according to official regulations. SECTION 6: Accidental release measures 61. Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. It applicable, caution - risk of slipping. 61.2 For emergency responders Research of for suitable protective equipment and material specifications. 62.5 For information with solid or powder products. 63.6 Methods and material precautions Research of the suitable protective equipment and material specifications. 63.9 Methods and material for containment and specifications . 63.9 Methods and material for containment and cleaning up Resolve leaks if this possible without risk. 7 Audit dust and approxement Research of a few days in an unclosed container until reaction no longer occurs. Respond. Date to share for a few days in an unclosed container until reaction no longer occurs. 1 Accident on indense softems 1 Action in close tanking dust 1 Action in close tanking approximate to risk. 3 Aleforence to other sections 1 Action in close tanking approximate to risk. 3 Aleforence to other sections 1 Action in close tanking approximate to risk. 3 Aleforence to other sections 1 Action in close tanking approximate to risk. 3 Aleforence to other sections 1 Actions for safe handling 3 Aleforence to experestion 3 Andivisinal releatio	BMGV: 1 µmol isocy (At the end of the period (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: (CP) Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application 4,4'-methylenedipher Consumer Consumer Consumer Consumer Consumer Consumer Consumer	anate-derived diamine. ad of exposure)	Phous WEL-STEL:	(Isocyar Other in Other in Other in Descriptor PNEC PNEC PNEC PNEC DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	nates, all information information Valu e 1 0,1 1 1 1 10 20 17,2 25 0,05 0,05 0,02 5 0,02	(as -NCO)) 	%: Content %:		
For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe furmes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Col container at risk with water. Dispose of contaminated extinction water according to official regulations. Section 16: Accidental release measures Accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Resume sufficient ventilation, remove sources of ignition. Avoid inhalation, and contact with eyes or skin. Itaging cor accidental release, wear personal protective equipment as specified in section 8 to revent contamination. Acoid bit first ondice system. Itaging cor accidental release. Accidental release. Action metgency responders Action metgency responders Besolute actin fits onsoisolite without risk. Action metares (aligonage system.	BMGV: 1 µmol iscoy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application 4,4'-methylenedipher Area of application Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Morkers / employees	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL:	(Isocyar Other in Other in Other in Post Phec PNEC PNEC PNEC PNEC DNEL DNEL	Value andormation volume 1 0,1 1 0,1 1 0,1 1 0,1 1 0,1 1 0,1 1 0,01 1,20 1,7,2 25 0,05 0,05 0,05 0,02 5	(as -NCO)) (as -NCO)) (as -NCO) (as	%: Content %:		
For personal protective equipment see Section 8. In case of frie and/or explosion do not breath fumes. Protective respirator with independent air supply. According to size of frie Full protection, if necessary. Col container at risk with water. Dispose of contaminate extinction water according to official regulations. SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures 6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contaminated cidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products. Leave to danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air. Avoid dust formation and contact with eyes or skin. If applicable, caution - risk of slipping. 8.2 Exection Section 19 Resolve leaks if this possible lythout risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent surface and ground-water infiltration, see surface and cleaning up Resolve leaks if this possible lythout risk. 9. Autors and for a few days in an unclosed container until reaction no longer occurs. Material entry into drainage system occurs, inform responsible authorities. 1. Autor for surface and ground-water infiltration, as well as ground penetration. Prevent surface and ground-water infiltration as well as ground penetration. Prevent surface and for surface system. 1. Bace declas if this possible without risk. 1. Autor of the ways in an unclosed container until reaction no longer occurs. Material for according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. Material for according to Section 13. Allow to stand for a few days in an unclosed container until reaction no longer occurs. Material	BMGV: 1 µmol isocy (At the end of the period WEL-TWA: 6 mg/m3 2,4 mg/m3 (resp. dust) Monitoring procedures BMGV: Chemical Name WEL-TWA: 4 mg/m3 10 mg/m3 (total inhala Monitoring procedures BMGV: 4,4'-methylenedipher Area of application Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer Consumer	anate-derived diamine. od of exposure)	Phous WEL-STEL: bonate WEL-STEL: WEL-STEL:	(Isocyar (Isocyar Other in Descri ptor PNEC PNEC PNEC PNEC PNEC PNEC DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	nates, all information information value 1 0,1 1 1 1 1 1 1 20 17,2 25 0,05 0,05 0,05 0,02 5 28,7	(as -NCO)) (as -NCO)) (as -NCO) (as	%: Content %:		



Γ	B Page 3 of 9				
	Safety data sheet acc	ording to Regulation (EC)	No 1907/2006, Anne	ex II	
	Revision date / version	n: 01.11.2021 / 0010 ed / version: 27.07.2021 /	/ 0000		
	Valid from: 01.11.202		0003		
	PDF print date: 01.11.	2021			
	COSMO PU-100.260				
	(COSMOPUR 1841)				
	1				
	Workers /	Human - inhalation	Short term.	DNEL	0.1

Human - inhalation	Short term,	DNEL	0,1	mg/m3	
	local effects				
Human - inhalation	Short term,	DNEL	0,1	mg/m3	
	systemic effects				
Human - inhalation	Long term,	DNEL	0,05	mg/m3	
	local effects			-	
Human - inhalation	Long term,	DNEL	0,05	mg/m3	
	systemic effects			-	
	Human - inhalation Human - inhalation	Iocal effects Human - inhalation Short term, Systemic effects Human - inhalation Long term, Iocal effects Human - inhalation Long term, Iocal effects	Iocal effects Human - inhalation Short term, systemic effects Human - inhalation Long term, local effects Human - inhalation Long term, local effects	Iocal effects DNEL 0,1 Human - inhalation Short term, systemic effects DNEL 0,1 Human - inhalation Long term, local effects DNEL 0,05 Human - inhalation Long term, local effects DNEL 0,05	Iocal effects DNEL 0,1 mg/m3 Human - inhalation Short term, systemic effects DNEL 0,1 mg/m3 Human - inhalation Long term, local effects DNEL 0,05 mg/m3 Human - inhalation Long term, Long term, DNEL 0,05 mg/m3

Area of application	Exposure route / Environmental compartment	Effect on health	Descri ptor	Valu e	Unit	Note
	Environment - freshwater		PNEC	1	mg/l	
	Environment - marine		PNEC	0,1	mg/l	
	Environment - sewage treatment plant		PNEC	1	mg/l	
	Environment - soil		PNEC	1	mg/kg dw	
	Environment - sporadic (intermittent) release		PNEC	10	mg/l	
Consumer	Human - oral	Short term, systemic effects	DNEL	20	mg/kg bw/day	
Consumer	Human - dermal	Short term, local effects	DNEL	17,2	mg/cm 2	
Consumer	Human - dermal	Short term, systemic effects	DNEL	25	mg/kg bw/d	
Consumer	Human - inhalation	Short term, local effects	DNEL	0,05	mg/m3	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	0,05	mg/m3	
Consumer	Human - inhalation	Long term, local effects	DNEL	0,02 5	mg/m3	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	0,02 5	mg/m3	
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	50	mg/kg bw/d	
Workers / employees	Human - dermal	Short term, local effects	DNEL	28,7	mg/cm 2	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	0,1	mg/m3	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	0,1	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	0,05	mg/m3	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	0,05	mg/m3	

2,2'-methylenedipher Area of application	Exposure route / Environmental compartment	Effect on health	Descri ptor	Valu e	Unit	Note
	Environment -		PNEC	1	mg/l	
	freshwater					
	Environment -		PNEC	0,1	mg/l	
	marine		-	- /	5	
	Environment -		PNEC	1	mg/l	
	sewage treatment				Ū	
	plant					
	Environment - soil		PNEC	1	mg/kg	
					dw	
	Environment -		PNEC	10	mg/l	
	water, sporadic				-	
	(intermittent) release					
Consumer	Human - oral	Short term,	DNEL	20	mg/kg	
		systemic effects			bw/d	
Consumer	Human - dermal	Short term,	DNEL	17,2	mg/cm	
		local effects			2	
Consumer	Human - dermal	Short term,	DNEL	25	mg/kg	
		systemic effects			bw/d	
Consumer	Human - inhalation	Short term,	DNEL	0,05	mg/m3	
		systemic effects				
Consumer	Human - inhalation	Short term,	DNEL	0,05	mg/m3	
		local effects				
Consumer	Human - inhalation	Long term,	DNEL	0,02	mg/m3	
		systemic effects		5		
Consumer	Human - inhalation	Long term,	DNEL	0,02	mg/m3	
		local effects		5		
Workers /	Human - dermal	Short term,	DNEL	28,7	mg/cm	
employees		local effects			2	
Workers /	Human - dermal	Short term,	DNEL	50	mg/kg	
employees		systemic effects			bw/d	
Workers /	Human - inhalation	Short term,	DNEL	0,1	mg/m3	
employees		local effects				
Workers /	Human - inhalation	Short term,	DNEL	0,1	mg/m3	
employees Workers /	Lines and Sale dation	systemic effects	DNEL	0.05		
	Human - inhalation	Long term,	DNEL	0,05	mg/m3	
employees	Lines and the station	systemic effects	DNEL	0.05		
Workers /	Human - inhalation	Long term, local effects	DNEL	0,05	mg/m3	
employees		IUCAI EIIECIS				

Area of application	Exposure route / Environmental compartment	Effect on health	Descri ptor	Valu e	Unit	Note
	Environment - freshwater		PNEC	3,2	mg/l	
	Environment - marine		PNEC	0,32	mg/l	

	Environment - sewage treatment plant		PNEC	95	mg/l	
	Environment - soil		PNEC	600	mg/kg dw	
Consumer	Human - oral	Long term, systemic effects	DNEL	1,25	mg/kg body weight/ day	
Consumer	Human - dermal	Long term, systemic effects	DNEL	1,25	mg/kg body weight/ day	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	2,5	mg/kg body weight/ day	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	3	mg/m3	

 WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted Twerage) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).
 (8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive 2004/37/CE). (11) = Inhalable fraction in those Member States that implement, on the date of the entry into force of this Directive 2004/37/CE). (12) = Inhalable fraction in those Member States that implement, on the date of the entry into force of this Directive 2004/37/CE). (WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).
 (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). œ,

(v) = minimum location (2017/109/ED, 2017/209/ED). (v) = respirable fraction (2017/104/ED), 2017/2398/ED), (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational astma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage. ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

 (13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here. Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres, Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents"

8.2.2 Individual protection measures, such as personal protective equipment General hygiene measures for the handling of chemicals are applicable Wash hands before breaks and at end of work.

Reep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN ISO 374). Recommended

Protective nitrile gloves (EN ISO 374).

Minimum layer thickness in mm

>= 0,35 Permeation time (penetration time) in minutes:

= 480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical

conditions. The recommended maximum wearing time is 50% of breakthrough time.

Protective hand cream recommended.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally no necessary. If OES or MEL is exceeded. Filter A2 P2 (EN 14387), code colour brown, white Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed. In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications

Final selection of give material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and material period.

varies from manufacturer to manufacturer In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at pr

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Pastelike, Liquid
Colour:	According to specification
Odour:	Characteristic
Melting point/freezing point:	There is no information available on this parameter.
Boiling point or initial boiling point and boiling range:	There is no information available on this parameter.
Flammability:	Combustible.
Lower explosion limit:	There is no information available on this parameter.
Upper explosion limit:	There is no information available on this parameter.
Flash point:	There is no information available on this parameter.
Auto-ignition temperature:	There is no information available on this parameter.
Decomposition temperature:	There is no information available on this parameter.
pH:	Mixture reacts with water.
Kinematic viscosity:	There is no information available on this parameter.



B) Page 4 of 9 Safety data sheet accor Revision date / version: Replacing version date Valid from: 01.11.2021 PDF print date: 01.11.2 COSMO PU-100.260	01.11.2021 d / version: 2	/ 0010		06, Annex II			Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irritar Analogou conclusio Does not conform with EU classifica
(COSMOPUR 1841)							Respiratory or skin sensitisation:			-	Mouse	OECD 429 (Skin Sensitisation -	n. Yes (skin
Solubility: Partition coefficient n-oo Vapour pressure:		(log value):	Do Th		mation available on th	iis parameter.	Respiratory or skin				Guinea	Local Lymph Node Assay) OECD 406 (Skin	contact), Analogou conclusio No (skin
Density and/or relative of Relative vapour density	:		Th		mation available on th	is parameter.	sensitisation: Respiratory or skin				pig Rat	Sensitisation)	contact) Yes
Particle characteristics: 9.2 Other information			Do	es not apply t	o liquids.		sensitisation: Germ cell				Rat	OECD 474	(inhalation Negative
Explosives: Oxidising liquids: Evaporation rate:			Pro No n.a		cplosive.		mutagenicity:					(Mammalian Erythrocyte Micronucleus	Analogo conclusio
	SECTI	ON 10: S	Stabilit	y and rea	activity		Germ cell				Salmonel	Test) OECD 471 (Bacterial	Negative
							mutagenicity:				la typhimuri um	Reverse Mutation Test)	
10.1 Reactivity reacts with water 10.2 Chemical sta Stable with proper stora 10.3 Possibility o Exothermic reaction pos	ige and hand f hazardo		ons				Carcinogenicity:				Rat	OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Limited evidence of a carcinog c effect.
Alcohols Amines Bases	SSIDIE WITT.						Reproductive toxicity:	NOAE L	4	mg/m 3	Rat	OECD 414 (Prenatal Developmental	Aerosol, Negative
Acids Water Developement of: Carbon dioxide CO2 formation in closed	d tanks caus	es pressure to	o rise.				Specific target organ toxicity - repeated exposure (STOT-RE):	LOAE L	1		Rat	Toxicity Study) OECD 453 (Combined Chronic Toxicity/Carcinog	Aerosol, Analogo conclusio
Pressure increase will r 10.4 Conditions t See also section 7. Protect from humidity. Polymerisation due to h	esult in dang o avoid	er of bursting					Specific target organ toxicity - repeated exposure (STOT-RE):	NOAE L	0,2		Rat	enicity Studies) OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Analogou conclusio
T ~ 260°C 10.5 Incompatible See also section 7. Acids	e material	s					Aspiration hazard: Specific target organ toxicity - single exposure (STOT-SE), inhalative:						Negative Target organ(s) respirato system, May cau respirato
Amines Alcohols													
Bases Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition wher	n used as dir	ected.		gical info	ormation		Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:						
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition when	n used as dir	ected. N 11: To	oxicolo			1272/2008	toxicity - repeated exposure (STOT-RE),	Endpo	te Value	Unit	Organis	Test method	Target organ(s): respirato system,
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition when 11.1. Information Possibly more informati COSMO PU-100.260	n used as dir SECTIO on hazar	ected. N 11: To d classes	as defir	ed in Reg	ulation (EC) No	1272/2008	toxicity - repeated exposure (STOT-RE), inhalat.: 4,4'-methylenedipheny			Unit mg/k g	Organis m Rat	Regulation (EC) 440/2008 B.1	Target organ(s) respirato system, Positive Notes Analogo
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where 11.1. Information Possibly more informati COSMO PU-100.260 (COSMOPUR 1841) Toxicity / effect	n used as dir SECTIO on hazar	ected. N 11: To d classes	as defir	ed in Reg	ulation (EC) No	1272/2008	toxicity - repeated exposure (STOT-RE), inhalat: 4,4'-methylenedipheny Toxicity / effect Acute toxicity, by oral	Endpo int	Value	mg/k	m	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal	Target organ(s) respirato system, Positive Notes Analogo conclusi
Amines Alcohols Nater 10.6 Hazardous d See also section 5.2 No decomposition where Cosmo Pures Cosmo PU-100.260 COSMO PU-100.260 COSMO PU-100.260 COSMO PU-100.260 COSMO PUR 1841) Foxicity / effect Acute toxicity, by oral oute: Acute toxicity, by Jermal route: Acute toxicity, by	on hazar	ected. N 11: To d classes effects, see s	as defir Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value,	toxicity - repeated exposure (STOT-RE), inhalat: 4,4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by	Endpo int LD50	Value >2000	g mg/k mg/k	m Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402	Target organ(s) respirate system, Positive Notes Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where 11.1. Information Possibly more informati COSMO PU-100.260 (COSMOPUR 1841) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated	toxicity - repeated exposure (STOT-RE), inhalat: 4,4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by	Endpo int LD50 LD50	Value >2000 >9400	mg/k g mg/k g	m Rat Rabbit	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation	Target organ(s) respirato system, Positive Notes Analogoi conclusid Analogoi conclusid Analogoi conclusid Analogoi conclusid Does no conclusid Does no conform with EU classifica n. Aerosol, Expert
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where the second second second second second second second COSMOPU-100.260 (COSMOPUR 1841) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Serious ro skin	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat.: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Rat Rabbit	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity)	Target organ(s) respirato system, Positive Notes Analogo conclusie Analogo conclusie Aerosol, Does no conform with EU classificz n. Aerosol, Expert judgeme Skin Irrit
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where No decomposition where COSMOPUL 100.260 (COSMOPUL 1841) Toxicity / effect Acute toxicity, by dermal route: Acute toxicity, by dermal route: Acute toxicity, by dermal route: Skin corrosion/irritation: Skin corrosion/irritation: Skin sensitisation: Germ cell mutagenicity:	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a. n.d.a. n.d.a. n.d.a. n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4,4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation:	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity)	Target organ(s) respirato system, Positive Notes Analogoi conclusid Aerosol, Does no conform with EU Aerosol, Expert judgeme Skin Irrit. 2, Analogoi
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where Cosmoposition where statistic on the section of the section Cosmopulation of the section	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat.: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation:	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Rat Rabbit Rat Rabbit Guinea pig	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity)	Target organ(s) respirato system, Positive Notes Analogo conclusie Analogo conclusie Aerosol, Does no conform with EU classificz Aerosol, Expert judgeme Skin Irrit 2, Analogo conclusie Yes
Amines Akcohols Water 10.6 Hazardous d See also section 5.2 No decomposition wher Status of the section 5.2 No decomposition wher Status of the section of the section of the section Section of the section of the sect	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation:	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Aat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Target organ(s) respirate system, Notes Analogo conclusi Analogo conclusi Aerosol, Does no conform with EU classifica n. Aerosol, Expert judgeme Skin Irrit 2, Analogo conclusi Yes (inhalatic Skin Ser 1
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where Cosmo Putation Possibly more informati COSMO PU-100.260 (COSMO PU-100.260	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4,4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation;	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Rat Rabbit Rat Rabbit Guinea pig	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial	Target organ(s) respirato system, Positive Notes Analogo conclusi Aanalogo conclusi Aerosol, Does no conform with EU classifica n. Aerosol, Expert judgeme Skin Irit 2, Analogo conclusi Ves (inhalatik Skin Ser 1
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition wher	on hazar on hazar en on health	ected. N 11: To d classes effects, see : Value	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	m Rat Rabbit Rat Rabbit Guinea pig Mouse	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474	Target organ(s) respirato system, Poster Analogo conclusi Analogo conclusi Aerosol, Does no conform with EU classifica n. Aerosol, Expert judgeme Skin Irrit 2, Analogo conclusi Ves (inhalatic Skin Ser 1 Negative Analogo conclusi
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where Composition where Cosmo PU-100.260 (COSMO PU-100.260 (C	a used as dir SECTIO on hazar on on health Endpo int ATE ATE Correction ATE	ected. N 11: Tc d classes effects, see : Value >20	as defin Section 2.1	ed in Reg (classification Organis m	ulation (EC) No	Notes n.d.a. n.d.a. calculated value, vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	Rat Rabbit Rat Rabbit Rat Guinea pig Mouse Salmonel Ia typhimuri um	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Mammalian Erythrocyte	Target organ(s) respirator Positive Notes Analogo conclusi Analogo conclusi Aerosol, Does no conform with EU classifica n. Aerosol, Expert Skin Irrit 2, Analogo conclusi Yes (inhalatic Skin Ser 1
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition when Active to the section of the	ATE	ected. N 11: Tc d classes effects, see : Value >20	as defin Section 2.1	ed in Reg (classification Drganis m	ulation (EC) No)). Test method	Notes n.d.a. n.d.a. calculated value, value, n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	Rat Rabbit Rat Rabbit Rat Rabbit Guinea pig Mouse Salmonel Ia typhimuri um Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Target organ(s) respirato yostem, Postive Analogoi conclusid Analogoi conclusid Aarosol, Does no conform with EU classifice n. Aerosol, Expert judgeme Skin Irrit. 2, Analogoi conclusid Yes (inhalatic Skin Ser 1 Negative ale
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition where Composition where Composition where Cosmo PU-100.260 (COSMO PU-100.260 (C	on used as dir SECTIO on hazar on on health Endpo int ATE ATE Comparison ATE Comparison ATE Comparison ATE Comparison Compo	ected. N 11: Tc d classes effects, see : Value >20	as defin Section 2.1	ed in Reg (classification Organis m	Ulation (EC) No). Test method Test method Test method Control Test method Control Test method Control Control	Notes n.d.a. n.d.a. calculated value, vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	Rat Rabbit Rat Rabbit Rat Guinea pig Mouse Salmonel Ia typhimuri um	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Mammalian Erythrocyte Micronucleus Test) OECD 489 (In Vivo Mammalian Alkaline Corret	Target organ(s) respirator Positive Notes Analogo conclusi Analogo conclusi Aerosol, Does no conform with EU classifict n. Aerosol, Expert judgeme Skin Irrit 2, Analogo conclusi Yes (inhalatic Skin Ser 1 Negative ale
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition when Altanov Possibly more informati COSMO PU-100.260 (COSMO	ATE	ected. N 11: Tc d classes effects, see : Value >20	As defin Section 2.1	ed in Reg (classification	Ulation (EC) No Test method Test method Test method Test method CECD 401 (Acute Dermal Toxicity) OECD 403	Notes n.d.a. n.d.a. calculated value, n.d.a. Netes	toxicity - repeated exposure (STOT-RE), inhalat.: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell	Endpo int LD50 LD50 LC50	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h mg/l/	Rat Rabbit Rat Rabbit Rat Rabbit Guinea pig Mouse Salmonel Ia typhimuri um Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Inhalation Toxicity) OECD 404 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 489 (In Vivo Marmalian Akaline Comet Assay)	Target organ(s) respirato system, Notes Analogoi conclusid Analogoi conclusid Aerosol, Does no' conform with EU classifica n. Aerosol, Aarosol, Expert judgeme Skin Irrit 2, Analogoi conclusid Skin Ser 1 Negative ale Negative ale
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition when Altanov Possibly more informati COSMO PU-100.260 (COSMO	on hazar on on hazar on on health ATE ATE	ected. N 11: Tc d classes effects, see : Value >20	As defin Section 2.1	ed in Reg (classification Organis m 	ulation (EC) No). Test method Test method Test method Test method Test method DECD 401 (Acute Oral Toxicity) OECD 402 (Acute Dermal Toxicity)	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a.	toxicity - repeated exposure (STOT-RE), inhalat.: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity:	Endpo int LD50 LD50 ATE	Value >2000 >9400 0,368	mg/k g mg/k g mg/l/ 4h	Rat Rabbit Rat Rabbit Rat Rabbit Guinea pig Mouse Salmonel Ia Mouse Salmonel Ia Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 474 (Mammalian Evythrocyte Mictoroucleus Test) OECD 473 (Combined Chronic Deco 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Target organ(s) respirato system, Postivie Analogoi conclusid Analogoi conclusid Analogoi conclusid Aerosol, Aerosol, Expert judgeme Skin Irrit 2, Analogoi conclusid Yes (inhaladic Skin Ser 1 Negative ale Negative ale
Amines Alcohols Water 10.6 Hazardous d See also section 5.2 No decomposition wher Status of the section of the	on hazar on on hazar on on health ATE ATE	ected. N 11: Tc d classes effects, see : Value >20	As defin Section 2.1	ed in Reg (classification Organis m 	ulation (EC) No). Test method	Notes n.d.a. n.d.a. calculated value, Vapours n.d.a. m.d.a.	toxicity - repeated exposure (STOT-RE), inhalat.: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity: Carcinogenicity:	Endpo int LD50 LD50 ATE	Value >2000	mg/k g mg/k g mg/l/ 4h	Rat Rabbit Rat Rabbit Rat Rabbit Guinea pig Mouse Salmonel la Mouse Salmonel la Rat Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal Toxicity) OECD 403 (Acute Inhalation Toxicity) OECD 404 (Acute Inhalation Toxicity) OECD 429 (Skin Acute Inhalation/Corrosio n) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 471 (Bacterial Reverse Mutation Test) OECD 471 (Mammalian Erythrocyte Micronucleus Test) OECD 489 (In Vivo Mammalian Alkaline Comet Assay) OECD 453 (Combined Chronic Toxicity/Carcinog	Target organ(s): respirato system, Postive Analogoi conclusic Analogoi conclusic Analogoi conclusic Aerosol, Does not conform with EU classifica n. Aerosol, Expert Skin Irrit. 2, Analogoi conclusic Skin Ser 1 Negative ale Aerosol, Analogoi conclusic



B) Page 5 of 9 Safety data sheet accord Revision date / version:	01.11.2021	/ 0010		6, Annex II			Acute toxicity, by dermal route:	LD50	>9400	mg/k g	Rabbit	OECD 402 (Acute Dermal Toxicity)	Analogou conclusio
Replacing version dated Valid from: 01.11.2021 PDF print date: 01.11.20 COSMO PU-100.260 (COSMOPUR 1841)		r.07.2021 /C	0009				Acute toxicity, by inhalation:	LC50	0,527	mg/l/ 4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol, Does not conform with EU classification.
Specific target organ toxicity - repeated	LOAE L	1	mg/m 3	Rat	OECD 453 (Combined	Aerosol, Analogous	Acute toxicity, by inhalation:	ATE	1,5	mg/l			n. Aerosol, Expert judgeme
exposure (STOT-RE), inhalat.:					Chronic Toxicity/Carcinog enicity Studies)	conclusion, Target organ(s): respiratory	Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Skin Irrit.
Specific target organ toxicity - repeated exposure (STOT-RE),	NOAE L	0,2	mg/m 3	Rat	OECD 453 (Combined Chronic	System Aerosol, Analogous conclusion,	Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Slightly irritant
inhalat.:					Toxicity/Carcinog enicity Studies)	Target organ(s): respiratory system	Respiratory or skin sensitisation:				Guinea pig		Yes (inhalatio Analogo conclusio
o-(p-isocyanatobenzyl) Toxicity / effect	phenyl isoc Endpo	yanate Value	Unit	Organis	Test method	Notes	Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph	Yes (skin contact)
Acute toxicity, by oral route:	int LD50	>2000	mg/k g	m Rat	Regulation (EC) 440/2008 B.1	Analogous conclusion	Germ cell mutagenicity:				Salmonel	Node Assay) OECD 471 (Bacterial	Negative
Acute toxicity, by	LD50	>9400	mg/k	Rabbit	(ACUTE ORAL TOXICITY) OECD 402	Analogous	Germ cell				typhimuri um Rat	Reverse Mutation Test) OECD 474	Negative
dermal route: Acute toxicity, by inhalation:	LC50	0,387	g mg/l/ 4h	Rat	(Acute Dermal Toxicity)	Conclusion Aerosol, Does not	mutagenicity:					(Mammalian Erythrocyte Micronucleus Test)	Analogou conclusio
						conform with EU classificatio n.	Carcinogenicity:				Rat	OECD 453 (Combined Chronic Toxicity/Carcinog	Analogou conclusio Aerosol, Carc. 2
Acute toxicity, by inhalation:	ATE	1,5	mg/l/ 4h			Aerosol, Expert judgement.	Reproductive toxicity:	NOAE L	4-12	mg/m 3	Rat	enicity Studies) OECD 414 (Prenatal	No indication
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Skin Irrit. 2, Analogous conclusion						Developmental Toxicity Study)	of such a effect., Aerosol, Analogou
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irritant, Analogous conclusion, Does not conform with EU classificatio	Symptoms:						conclusio respirato distress, coughing mucous membrar irritation
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	n. No (skin contact), Analogous conclusion	Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAE L	0,2	mg/m 3	Rat	OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Target organ(s): respirato system,
Respiratory or skin sensitisation:				Guinea pig		Yes (inhalation), Analogous conclusion	Specific target organ toxicity - repeated	LOAE	1	mg/m 3	Rat	OECD 453 (Combined	Analogou conclusio Aerosol, Target
Respiratory or skin sensitisation: Germ cell				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471	Yes (skin contact), Analogous conclusion Negative,	exposure (STOT-RE), inhalat.:					Chronic Toxicity/Carcinog enicity Studies)	organ(s): respirato system, Analogou conclusio
mutagenicity:				la typhimuri	(Bacterial Reverse	Analogous conclusion	Silica, amorphous						conclusio
Germ cell				um Rat	Mutation Test) OECD 474	Negative,	Toxicity / effect	Endpo int	Value	Unit	Organis m	Test method	Notes
mutagenicity:					(Mammalian Erythrocyte Micronucleus Test)	Analogous conclusion male	Acute toxicity, by oral route:	LD50	>5000	mg/k g	Rat	OECD 423 (Acute Oral Toxicity - Acute Toxic Class	
Carcinogenicity:				Rat	OECD 453 (Combined Chronic	Aerosol, Analogous conclusion,	Acute toxicity, by dermal route:	LD50	> 2000	mg/k g	Rat	Method) OECD 402 (Acute Dermal	
Reproductive toxicity:	NOAE L	4-12	mg/k g	Rat	Toxicity/Carcinog enicity Studies) OECD 414 (Prenatal	Carc. 2 Aerosol, Analogous conclusion	Skin corrosion/irritation:				Rabbit	Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio	Not irritar
Symptoms:					Developmental Toxicity Study)	mucous membrane	Serious eye damage/irritation:				Rabbit	n) OECD 405 (Acute Eye Irritation/Corrosio	Not irrita
						irritation, breathing difficulties, coughing, asthmatic	Germ cell mutagenicity:					n) OECD 471 (Bacterial Reverse Mutation Test)	Negative
Specific target organ	NOAE	0,2	mg/m	Rat	OECD 453	symptoms Aerosol,	Aspiration hazard:						No
toxicity - repeated exposure (STOT-RE), inhalat.:	L		3		(Combined Chronic Toxicity/Carcinog	Analogous conclusion, Target	Calcium carbonate Toxicity / effect	Endpo	Value	Unit	Organis m	Test method	Notes
		1		Pot	enicity Studies)	organ(s): respiratory system	Acute toxicity, by oral route:	LD50	>2000	mg/k g	Rat	OECD 420 (Acute Oral toxicity - Fixe	
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	LOAE L	1	mg/m 3	Rat	(Combined Chronic Toxicity/Carcinog	Aerosol, Analogous conclusion, Target	Acute toxicity, by oral route: Acute toxicity, by	LD50 LD50	> 5000 >2000	mg/k g	Rat Rat	Dose Procedure) OECD 402	
					enicity Studies)	organ(s): respiratory system	Acute toxicity, by dermal route: Acute toxicity, by	LD50	>2000	mg/k g mg/l/	Rat	Acute Dermal Toxicity) OECD 403	
2,2'-methylenedipheny	diisocvana	ate	1			- cyclom	inhalation:	2000	~3	4h	i vai	(Acute Inhalation Toxicity)	
Toxicity / effect Acute toxicity, by oral	Endpo int LD50	Value >2000	Unit mg/k	Organis m Rat	Test method Regulation (EC)	Notes Analogous	Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio	Not irritar
route:			g		440/2008 B.1 (ACUTE ORAL TOXICITY)	conclusion	Serious eye damage/irritation:				Rabbit	n) OECD 405 (Acute Eye Irritation/Corrosio	Not irritar Mechanic irritation



GB Page 6 of 9 Safety data sheet a Revision date / vers Replacing version o Valid from: 01.11.2	sion: 01.11.20 lated / versior 021	21 / 001	0		6, Annex II			12.1. Toxicity to algae:	ErC50	72h	>16 40	mg/l	Scenedesm us subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
PDF print date: 01. COSMO PU-100.20 (COSMOPUR 184)	50							12.2. Persistence and degradability:		28d	0	%	activated sludge	OECD 302 C (Inherent Biodegradab ility -	Not biodegrada ble, According
Respiratory or skin sensitisation:							No (skin contact)							Modified MITI Test (II))	to experience available
Germ cell mutagenicity:						in vitro	Negative							(1))	to date, polycarbam
Carcinogenicity:							Negative, administere d as Ca- lactate								ide is inert and non- degradable ., With
Reproductive toxici	ty:						Negative, administere d as Ca- carbonate								water at the interface, transforms
11.2. Informat		er haz	ards												slowly with formation of CO2
(COSMOPUR 184															into a firm, insoluble
Toxicity / effect	Endp int	oo Va	alue	Unit	Organis m	Test method	Notes								reaction product
Endocrine disruptin properties: Other information:							Does not apply to mixtures. No other								with a high melting point (polycarba
							relevant information available on adverse effects on	12.3. Bioaccumulative potential:	BCF	42d	<14		Cyprinus carpio	OECD 305 (Bioconcentr ation - Flow- Through	mide). Not to be expected
							health.	12.5. Results of						Fish Test)	Negative
	SEC	TION	12: E	cologi	cal inforr	nation		PBT and vPvB assessment Toxicity to	EC50	3h	>10	mg/l	activated	OECD 209	
Possibly more infor COSMO PU-100.2		/ironmen	tal effects	s, see Sec	tion 2.1 (classif	ication).		bacteria:	2000	011	0	iiig/i	sludge	(Activated Sludge, Respiration Inhibition	
(COSMOPUR 184 Toxicity / effect) Endpoin t	Tim e	Valu e	Unit	Organism	Test method	Notes							Test (Carbon and Ammonium	
12.1. Toxicity to fish:							n.d.a.	Other organisms:	NOEC/N	14d	>10	mg/k	Lactuca	Oxidation)) OECD 208	
12.1. Toxicity to daphnia: 12.1. Toxicity to algae:							n.d.a. n.d.a.		OEL		00	g	sativa	(Terrestrial Plants, Growth Test)	
12.2. Persistence and degradability:							With water at the interface, transforms slowly with	Toxicity to annelids:	NOEC/N OEL	14d	>10 00	mg/k g	Lumbricus terrestris	OECD 207 (Earthworm, Acute Toxicity Tests)	
							formation of CO2 into a firm,	4,4'-methylenedip	henyl diisocy	anate				10000	
							insoluble reaction	Toxicity / effect	Endpoin t	Tim e	Valu e	Unit	Organism	Test method	Notes
							product with a high melting	Other information:							According to experience available
							point (polycarba mide). According								to date, polycarbam ide is inert
							to experience available to date,								and non- degradable ., With water at
							polycarbam ide is inert and non- degradable								the interface, transforms slowly with
12.3. Bioaccumulative							n.d.a.								formation of CO2 into a firm,
potential: 12.4. Mobility in soil: 12.5. Results of							n.d.a.								insoluble reaction product with a high
PBT and vPvB assessment 12.6. Endocrine disrupting							n.d.a.								melting point (polycarba mide).
properties: 12.7. Other							n.d.a.	12.4. Mobility in soil:	H (Henry)		0,02 29	Pa*m 3/mol			
adverse effects:								12.1. Toxicity to fish:	LC50	96h	>10 00	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute	Analogous conclusion
Diphenylmethane Toxicity / effect	diisocyanate, Endpoin	Tim	Valu	omologue Unit	s Organism	Test method	Notes							Toxicity Test)	
Other organisms:	NOEC/N OEL	e 14d	e >10 00	mg/k g	Avena sativ	va OECD 208 (Terrestrial Plants, Growth									
12.1. Toxicity to fish:	LC50	96h	>10 00	mg/l	Brachydani rerio	Test) io OECD 203 (Fish, Acute Toxicity									
12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>10	mg/l	Daphnia magna	Test) OECD 202 (Daphnia									
12.1. Toxicity to	EC50	24h	>10	mg/l	Daphnia	sp. Acute Immobilisati on Test) OECD 202									
daphnia:			00		magna	(Daphnia sp. Acute Immobilisati on Test)									



B) Page 7 of 9 Safety data sheet a				1907/2006	6, Annex II			Toxicity / effect	Endpoin t	Tim e	Valu e	Unit	Organism	Test method	Notes
Revision date / vers Replacing version of Valid from: 01.11.20 PDF print date: 01.7	dated / versior 021 11.2021			09				12.1. Toxicity to fish:	LC50	96h	>10 00	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity Test)	Analogous conclusion
COSMO PU-100.26 (COSMOPUR 1841	60				1	0500 /		12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati	Analogous conclusior
12.2. Persistence and degradability:		28d	0	%		OECD 302 C (Inherent Biodegradab ility - Modified MITI Test	Not biodegrada ble, With water at the interface,	12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>10	mg/l	Daphnia magna	on Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test)	Analogous
						(II))	transforms slowly with formation of CO2 into a firm,	12.1. Toxicity to algae:	ErC50	72h	>16 40	mg/l	Scenedesm us subspicatus	OECD 201 (Alga, Growth Inhibition Test)	Analogous conclusior
							insoluble reaction product with a high melting point (polycarba mide), According to experience available to date, polycarbam ide is inert and non- degradable Analogous conclusion	12.2. Persistence and degradability:		28d	0	%		OECD 302 C (Inherent Biodegradab litty - Modified MITI Test (II))	Not biodegradi ble, Analogous conclusion According to experience available to date, polycarbar ide is inert and non- degradable With water at the interface, transforms slowly with
12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati on Test)	Analogous conclusion								formation of CO2 into a firm, insoluble reaction product
12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>10	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati on Test)	Analogous conclusion								with a high melting point (polycarba mide).
12.3. Bioaccumulative potential:	Log Pow		5,22				A notable biological accumulati on potential	12.3. Bioaccumulative potential:	BCF	28d	200		Cyprinus caprio	OECD 305 (Bioconcentr ation - Flow- Through Fish Test)	Not to be expected, Analogou conclusio
12.1. Toxicity to algae:	ErC50	72h	>16 40	mg/l	Desmodesm us subspicatus	OECD 201 (Alga, Growth Inhibition	has to be expected (LogPow > 3). Analogous conclusion	12.4. Mobility in soil: 12.5. Results of PBT and vPvB assessment Toxicity to bacteria:	H (Henry) EC50	3h	0,02 29 >10 0	Pa*m 3/mol mg/l	activated sludge	OECD 209 (Activated	No PBT substance No vPvB substance Analogous conclusior
12.3. Bioaccumulative potential: 12.5. Results of	BCF	28d	200		Cyprinus caprio	Test) IUCLID Chem. Data Sheet (ESIS)	Not to be expected							Sludge, Respiration Inhibition Test (Carbon and	
PBT and vPvB assessment Other information:	AOX						substance, No vPvB substance Does not contain any	Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Avena sativa	Ammonium Oxidation)) OECD 208 (Terrestrial Plants, Growth	Analogous conclusior
							organically bound halogens which can contribute	Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Lactuca sativa	Test) OECD 208 (Terrestrial Plants, Growth	Analogous
Toxicity to	EC50	3h	>10	mg/l	activated	OECD 209	to the AOX value in waste water. Analogous	Toxicity to annelids:	NOEC/N OEL	14d	>10 00	mg/k g	Eisenia foetida	Test) OECD 207 (Earthworm, Acute Toxicity	Analogous conclusior
bacteria:	2000		0	gr	sludge	(Activated Sludge, Respiration Inhibition	conclusion	2,2'-methylenedip Toxicity / effect	henyl diisocy Endpoin	anate Tim	Valu	Unit	Organism	Tests)	Notes
						Test (Carbon and Ammonium		12.5. Results of PBT and vPvB assessment	t	e	e			method	No PBT substance No vPvB
Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Lactuca sativa	Oxidation)) OECD 208 (Terrestrial Plants, Growth Test)	Analogous conclusion	12.4. Mobility in soil: 12.1. Toxicity to fish:	H (Henry) LC50	96h	0,02 29 >10 00	Pa*m 3/mol mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity	Substance Analogous conclusior
Other organisms: Toxicity to	NOEC/N OEL NOEC/N	14d	>10 00	mg/k g	Avena sativa	OECD 208 (Terrestrial Plants, Growth Test) OECD 207	Analogous conclusion Analogous	12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>10	mg/l	Daphnia magna	Test) OECD 202 (Daphnia sp. Acute Immobilisati	Analogous
Toxicity to	OEL EC50	14d	> 100 0 >10	mg/k g mg/k	terrestris Eisenia	OECD 207 (Earthworm, Acute Toxicity Tests) OECD 207	Analogous conclusion Analogous	12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	on Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test)	Analogous
annelids:	LUJU	140	00	тд/к g	foetida	(Earthworm, Acute Toxicity Tests)	conclusion	12.1. Toxicity to algae:	EC50	72h	>16 40	mg/l	Scenedesm us subspicatus	on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusior



GB) Page 8 of 9 Safety data sheet ad															
Revision date / versi Replacing version d	sion: 01.11.20 lated / versior	21 / 0010	0		6, Annex II			12.1. Toxicity to algae:	EC50	72h	>14	mg/l	Desmodesm us subspicatus	OECD 201 (Alga, Growth Inhibition	
Valid from: 01.11.20 PDF print date: 01.1 COSMO PU-100.26	11.2021 50							Toxicity to bacteria:	EC50	3h	>10 00	mg/l	activated sludge	Test) OECD 209 (Activated Sludge,	
(COSMOPUR 1841) 12.2. Persistence and degradability:)	28d	0	%	activated sludge	OECD 302 C (Inherent Biodegradab ility - Modified	With water at the interface, transforms slowly with							Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
						MITI Test (II))	formation of CO2 into a firm, insoluble reaction product with a high	Toxicity to annelids: 12.3. Bioaccumulative					Eisenia foetida	Octobatori) OECD 207 (Earthworm, Acute Toxicity Tests)	Negative Not relevant
							melting point (polycarba mide).,	potential:							for inorganic substance
							According	12.4. Mobility in soil:							Not relevant
							experience available to date, polycarbam	3011.							for inorganic substance
							ide is inert and non-	12.5. Results of PBT and vPvB							Not relevant
							degradable ., Analogous conclusion	assessment							for inorganic substance
12.3.	Log Pow		5,22				A notable	12.1. Toxicity to fish:	LC50	96h	>10 000	mg/l	Oncorhynch		
Bioaccumulative potential:	LOG POW		5,22				biological accumulati on	12.1. Toxicity to fish:	LC50	96h	>10 0	mg/l	us mykiss Oncorhynch us mykiss	OECD 203 (Fish, Acute Toxicity	
							potential has to be	12.1. Toxicity to	EC50	48h	>10	mg/l	Daphnia	Test)	
							expected (LogPow >	daphnia: 12.1. Toxicity to	EC50	72h	00 >20	mg/l	magna Desmodesm		
12.3.	BCF	28d	200		Cyprinus	OECD 305	3). Not to be	algae:			0		us subspicatus		
Bioaccumulative potential:					caprio	(Bioconcentr ation - Flow-	expected, Analogous	12.2. Persistence and							Inorganic products
						Through Fish Test)	conclusion	degradability:							cannot be
Toxicity to bacteria:	EC50	3h	>10 0	mg/l	activated sludge	OECD 209 (Activated	Analogous conclusion								from wate through
						Sludge, Respiration									biological purificatio
						Inhibition Test									methods.
						(Carbon and			SEC	TION 1	3: Dis	posal	considera	tions	
						Ammonium Oxidation))									
Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Avena sativa	OECD 208 (Terrestrial	Analogous conclusion	13.1 Waste tre					4-		
	-					Plants, Growth Test)		For the substa EC disposal code r The waste codes a	no.: are recomme	ndations b	ased on t	he schedu	uled use of this pro		
Other organisms:			>10	mg/k g	Lactuca sativa	OECD 208 (Terrestrial	Analogous	Owing to the user's allocated under cer					other waste codes	may be	
Surer organiismis:	NOEC/N OEL	14d	00			Plants, Growth	conclusion	08 04 09 waste adh 08 05 01 waste iso Recommendation:	hesives and s cyanates	sealants co			lvents or other ha	zardous substanc	es
Toxicity to annelids:		14d 14d	00 >10 00	mg/k g	Eisenia foetida	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity	Analogous conclusion	08 04 09 waste adf 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product:	hesives and s cyanates hall be disco cal and natior ration plant.	uraged.	ontaining	organic so	lvents or other ha:	zardous substanc	es
Toxicity to annelids:	OEL NOEC/N OEL		>10	mg/k		Plants, Growth Test) OECD 207 (Earthworm, Acute	Analogous	08 04 09 waste adf 08 05 01 waste ison Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina	hesives and s cyanates hall be disco cal and natior ration plant. table refuse s ated pack	uraged. nal official n site. ing mat	regulation	organic so Is.	lvents or other ha:	zardous substanc	æs
Toxicity to	OEL NOEC/N OEL		>10	mg/k		Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity	Analogous	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co	hesives and s cyanates hall be disco cal and natior rration plant. table refuse s ated pack cal and natior pompletely.	uraged. nal official n site. ing mat	regulation regulation regulation	organic so Is.	lvents or other ha:	zardous substanc	es
Toxicity to annelids: Silica, amorphous	OEL NOEC/N OEL	14d	>10 00	mg/k g	foetida	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests)	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pp Dispose of packagi	hesives and s cyanates hall be disco cal and natior ration plant. table refuse s ated pack cal and natior ompletely. ackaging can ing that cann	sealants co uraged. hal official i site. ing mat hal official i be recycle ot be clear	regulation regulation regulation regulation ed. ned in the	organic so Is. Is. same ma	nner as the substa	ance.	ies
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish:	OEL NOEC/N OEL Endpoin t ECO	14d Tim <u>e</u> 96h	>10 00 Valu e	g Unit	foetida Organism	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test)	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontainnated pa	hesives and s cyanates hall be disco cal and natior ration plant. table refuse s ated pack al and natior mpletely. ackaging can ing that cann g containing	sealants co uraged. aal official i ing mat nal official i be recycle ot be clear residues o	eregulation regulation regulation regulation red. red in the f or conta	organic so Is. Is. same ma minated by	nner as the substa	ance. tances	res
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to	OEL NOEC/N OEL Endpoin t	14d Tim e	>10 00 Valu e >10	g Unit	foetida Organism Brachydanio	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pa Dispose of packagi 15 01 10 packaging General state 14.1. UN number o	hesives and a cyanates hall be disco atal and natior mation plant. table refuse s ated pack atal and natior mpletely. SEC ments rr ID number:	ante sealants co uraged. al official u ite. ing mat al official u be recycle of be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so Is. Is. same ma minated by	nner as the substa y hazardous subst ort informa r	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to	OEL NOEC/N OEL Endpoin t ECO	14d Tim <u>e</u> 96h	>10 00 Valu e >10 000 >10 00	Unit mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pe Dispose of packagin Sol 10 packaging	halibe disco cyanates hall be disco atal and nation ration plant. table refuse s atad pack atal and nation ompletely. ackaging can ing that cann g containing SEC ments r ID number: road/by rr	al official unaged. al official unaged. al official unaged. al official unaged. be recycle of be clear recycle unaged. CTION all (ADR	regulation regulation regulation regulation red. red in the f or conta 14: T I	is. Is. same ma minated b 'anspc	nner as the substa y hazardous subst ort informa r	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia:	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pa Dispose of packaging 15 01 10 packaging General stater 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Classification code	hesives and : cyanates hall be disco ala and natior ration plant. table refuse e ated pack al and natior mig that cann g containing SEC ments Ir ID number: road/by ra pipping name pr	alants co uraged. al official i ing mat al official i be recycle ot be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated by 'anspc n.a. n.a. n.a. n.a. n.a. n.a.	nner as the substr y hazardous subst ort informa	ance. tances	.es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 203 (Fish, Acute Toxicity Test) OECD 203 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth	Analogous conclusion	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contaminate pay Dispose of packagi 15 01 10 packagin General stater 14.1. UN number o Transport by r 14.2. UN proper sh 14.3. Transport haz 14.4. Packing group Classification code LQ: 14.5. Environmenta	hesives and : cyanates hall be disco atal and natior mation plant. table refuse s ated pack atad pack atad pack at	alants co uraged. al official i ing mat al official i be recycle ot be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated by ranspo n.a. n.a. n.a. n.a. n.a. n.a.	nner as the substr y hazardous subst ort informa	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2.	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes	08 04 09 waste adt 08 05 01 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contaminated pr Dispose of packaging 15 01 10 packaging General state 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing group Classification code LQ: 14.5. Environmenter Tunnel restriction code LQ:	hesives and : cyanates hall be disco all and nation ration plant. table refuse : ated pack al and nation mightet? ackaging can ing that cann g containing SEC ments r ID number: road/by r: ipping name zard class(es p: : al al azards: see al (IMDC	alants cc uraged. al official i ing mat al official i be recycle of be clear residues of CTION ail (ADR);	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated by ranspo n.a. n.a. n.a. n.a. n.a. n.a.	nner as the substa y hazardous subst ort informa	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes Notes	08 04 09 waste adt 08 05 01 waste ison Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pc Dispose of packaging General stater 14.1. UN number o Transport by I 14.2. UN proper sh 14.3. Environmente Tunnel restriction code LQ: 14.2. UN proper sh 14.3. Environmente Tunnel restriction code LQ: 14.2. UN proper sh 14.3. UN proper sh 14.3. Transport hay si 14.2. UN proper sh 14.3. Transport hay si 14.3. UN proper sh 14.3. UN proper sh 14.3. Transport hay si 14.3. UN proper sh 14.3. Transport hay si 14.3. Transport hay si 14.3	hesives and a cyanates hall be disco all and nation ration plant. table refuse a tated pack at and nation ompletely. ackaging can ing that cann g containing SEC ments r ID number; road/by ra ipping name zand class(es p: al hazards: sea (IMDC cipping name zand class(es p: al anazed); sea (IMDC	al official i al official i al official i al official i al official i be recycle ot be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated b : anspc n.a. n.a. n.a. n.a. Not	nner as the substr y hazardous substr ort informa applicable	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes Notes	08 04 09 waste adt 08 05 01 waste iso: Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pay Dispose of packaging 15 01 10 packaging General stater 14.1. UN number on Transport by 1 14.2. UN proper sh 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.4. Packing group Marine Pollutant:	hesives and a cyanates hall be disco all and nation ration plant. table refuse a ated pack at and nation meletely. ackaging can ing that cann g containing SEC ments Ir ID number: road/by ra road/by ra i al hazards: code: sea (IMDC ipping name tand class(es p):	al official i al official i al official i al official i al official i be recycle ot be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated b 'anspc n.a. n.a. n.a. Not n.a. n.a. n.a. n.a. n.a. n.a.	nner as the substr y hazardous subst ort informa applicable	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability:	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes Inorganic products cannot be eliminated from water through biological purification methods.	08 04 09 waste adf 08 05 01 waste adf 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contaminated pr Dispose of packaging 15 01 10 packaging General stater 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouu Classification code UC 14.5. Environmenta Tunnel restriction c Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouu Classification code UC 14.5. Environmenta Tansport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouu Marine Pollutant: 14.5. Environmenta Transport by 3 14.4. Packing group Marine Pollutant: 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.4. Packing group 14.5. Environmenta 14.5. Environmenta 14.	hesives and : cyanates hall be disco all and nation ration plant. table refuse : ated pack al and nation mighteta). SEC ments Ir ID number: coad/by ra ipping name zard class(se p: al hazards: code: seea (IMDC ipping name zard class(se p: al hazards: al hazards: al hazards: al hazards: air (JATA)	avalants cc uraged. al official i ite. ing mat al official i be recycle to be clear residues of CTION ail (ADR): S-code)	regulation regulation regulation regulation red. red in the f or conta 14: T I	organic so is. same ma minated b 'anspc n.a. n.a. n.a. Not n.a. n.a. n.a. n.a. n.a. n.a.	nner as the substr y hazardous substr ort informa applicable	ance. tances	.es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of PBT and vPvB	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes Notes	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container oc Uncontaminated pay Dispose of packaging General statee 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport hay 14.2. UN proper sh 14.3. Transport hay 14.2. UN proper sh 14.3. Transport hay 14.3. Transport hay 14.3. Transport hay 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport hay 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh	hesives and a cyanates hall be disco all and nation ration plant. table refuse a tated pack at and nation mpletely. ackaging can ing that cann g containing SEC ments road/by ra ipping name cand class(es p: : al hazards: odd: Sea (IMDC iipping name cand class(es p: : al hazards: odd: Sea (IMDC iipping name cand class(es p: : : al hazards: odd: Sea (IMDC) iipping name cand class(es p: : : : : : : : : : : : : : : : : : :	al official i ing mat al official i be recycle to be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	same ma minated b as. ranspc ranspc n.a. n.a. n.a. Not n.a. Not	nner as the substr y hazardous subst ort informa applicable applicable	ance. tances	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of	OEL NOEC/N OEL Endpoin t ECO ECO	14d Tim e 96h 24h	>10 00 Valu e >10 000 >10 00 >=1 000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion Notes Inorganic products cannot be eliminated from water through biological purification methods. No PBT	08 04 09 waste adf 08 05 01 waste iso: Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pay Dispose of packaging 15 01 10 packaging General stater 14.1. UN number on Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Classification code LO: Transport by 1 14.2. Environmenta Trunnel restriction code LO: Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant:	hesives and : cyanates hall be disco all and natior ration plant. table refuse : ated pack ated pack at and natior meptety, ackaging can ing that cann g containing SEC ments If ID number: road/by ra dipping name tand class(es p: : al hazards: sea (INDC ipping name zard class(es p: al hazards: air (IATA) ipping name zard class(es p:	al official i ing mat al official i be recycle to be clear residues of CTION	regulation regulation regulation regulation red. red in the f or conta 14: T I	s. s. same ma minated b anspc n.a. n.a. n.a. n.a. n.a. Not n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	nner as the substa y hazardous subst ort informa applicable applicable	ance. tances	.es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of PBT and VPvB assessment Calcium carbonate	OEL NOEC/N OEL Endpoin t ECO ECO ErC50	14d Tim e 96h 24h 72h	>10 00 >10 000 >10 000 0 >-10 000 0	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us subspicatus	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition Test)	Analogous conclusion Notes Notes	08 04 09 waste adt 08 05 01 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contaminated product: E.g. dispose at suit For contaminated product Dispose of packaging 15 01 10 packaging General state 14.1. UN number o Transport by 1 14.2. UN proper sh 14.4. Packing grou UC 14.5. Environmente Transport by 2 14.4. Packing grou Marine Pollutant: 14.5. Environmente Transport by 3 14.4. Packing grou Marine Pollutant: 14.5. Environmente Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Marine Pollutant: 14.5. Environmente Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou 14.5. Environmente Tansport by 3 14.3. Transport haz 14.4. Packing grou 14.5. Environmente	hesives and : cyanates hall be disco all and nation ration plant. table refuse : ated pack all and nation mightet]. SEC ments r ID number: road/by rr is plant canno g containing SEC ments r ID number: road/by rr is plant canno pi : sea (IMDC ipping name zard class(se p; all hazards: sea (IMDC ipping name zard class(se p; all hazards: air (IATA) ipping name zard class(se p; all hazards: pi all hazards: pi code: sea (IMDC ipping name zard class(se p; all hazards: sea (IMDC) ipping name zard class(se p; all hazards: sea (IMDC) ipping name zard class(se p; all hazards: sea (IMDC) ipping name zard class(se p; all hazards: sea (IMDC) ipping name zard class(se p; sea (IMDC) ipping name zard class(se p; sea (IMDC) ipping name zard class(se p; sea (IMDC) ipping name zard class(se p; sea (IMDC) ipping name zard class(se p; sea (IMDC) ipping name zard class(sea (Sea (Sea (Sea (Sea (Sea (Sea (Sea (S	all (ADR all (ADR b); c); c); c); c); c); c); c); c	nontaining regulation ed. red in the f or conta 14: Ti /RID)	organic so is. same ma minated by 'anspo 'anspo n.a. n.a. n.a. Not n.a. n.a. Not Not	nner as the substa y hazardous subst ort informa applicable applicable	ance. tances tion	.es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of PBT and VPVB assessment Calcium carbonate Toxicity / effect	OEL NOEC/N OEL ECO ECO ErC50	14d Tim 96h 24h 72h 72h	>10 00 Valu e >10 000 0 00 0 0 Valu e	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us subspicatus Organism	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition Test) Test Test method	Analogous conclusion Notes Notes	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container of Uncontaminated pz Dispose of packagi 15 01 10 packaging General stater 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Classification code LQ: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Juness specified ot 14.7. Maritime	hall be disco hall be disco all and nation ration plant. table refuse : ated pack at and nation mpletely. ackaging can ing that cann g containing SEC ments It ID numbers road/by ra tipping name sard class(es p: al hazards: sea (IMDC sea (IMDC and hazards: pip) al	al official i ing mat al official i be recycle of be clear cresidues of crition al (ADR critical critical i be recycle of be clear critical i be recycle of be clear critical i be recycle of be clear critical i be recycle of be clear critical i critical i criticali	ser ser sk accor	is. same ma minated b anspe n.a. n.a. n.a. n.a. Not n.a. n.a. n.a. Not afe transp ding to	nner as the substr y hazardous subst ort informa applicable applicable applicable ort must be follow	ance. tances tion	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of PBT and vPvB assessment Calcium carbonate	OEL NOEC/N OEL Endpoin t ECO ECO ErC50	14d Tim e 96h 24h 72h 72h	>10 00 210 000 210 000 0 210 000 0 210 000 0 210 000 0 210 000 0 210 000 200000 2000000	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us subspicatus	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition Test) Test Test method OECD 202 (Daphnia	Analogous conclusion Notes	08 04 09 waste adf 08 05 01 waste iso: Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container co Uncontaminated pay Dispose of packaging 15 01 10 packaging General stater 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Classification code LQ: 14.5. Environmente Tunnel restriction c Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: 14.5. Environmente Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: 14.5. Environmente Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy Marine Pollutant: 14.5. Environmente Transport bage 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grouy 14.5. Environmente Transport bage 1 14.5. Special f Unless specified of	hall be disco hall be disco hall be disco atal and nation ration plant. table refuse s ated pack at and nation mpletely. ackaging can ing that cann g containing SEC ments road/by ra ipping name zard class(es p: al hazards: cod: sea (IMDC sea (IMDC sea (IMDC atal can atal pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pre- caution therwise, gen ternal accord	al official i ing mat al official i be recycle of be clear cresidues of CTION all (ADR bil (ADR) bil (ADR) bi	ser ser accor sectors ser scaccor sport Review	ss. same ma minated b ans. n.a. n.a. n.a. n.a. Not n.a. n.a. Not afe transp ding to gulations.	nner as the substa y hazardous subst ort informa applicable applicable applicable ort must be follow IMO instrume	ed. ents	es
Toxicity to annelids: Silica, amorphous Toxicity / effect 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability: 12.5. Results of PBT and vPvB assessment Calcium carbonate Toxicity / effect 12.1. Toxicity to	OEL NOEC/N OEL ECO ECO ErC50	14d Tim 96h 24h 72h 72h	>10 00 >10 000 >10 000 0 >10 000 0 Valu e >10 >10 >10 >10 >10 >10 >10 >10 000 0 0	mg/k g Unit mg/l mg/l	foetida Organism Brachydanio rerio Daphnia magna Scenedesm us subspicatus Organism Daphnia	Plants, Growth Test) OECD 207 (Earthworm, Acute Toxicity Tests) Test method OECD 203 (Fish, Acute Toxicity Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 201 (Alga, Growth Inhibition Test) Test Method OECD 202	Analogous conclusion Notes	08 04 09 waste adt 08 05 01 waste iso Recommendation: Sewage disposal si Pay attention to loc E.g. suitable incine Hardened product: E.g. dispose at suit For contamina Pay attention to loc Empty container of Uncontaminated pz Dispose of packagi 15 01 10 packaging General stater 14.1. UN number o Transport by 1 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Classification code LQ: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Marine Pollutant: 14.5. Environmenta Transport by 3 14.2. UN proper sh 14.3. Transport haz 14.4. Packing grou Juness specified ot 14.7. Maritime	hall be disco hall be disco hall be disco atal and nation ration plant. table refuse s ated pack at and nation mpletely. ackaging can ing that cann g containing SEC ments road/by ra ipping name zard class(es p: al hazards: cod: sea (IMDC sea (IMDC sea (IMDC atal can atal pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pipping name zard class(es p: al hazards: pre- caution therwise, gen ternal accord	al official i ing mat al official i be recycle of be clear cresidues of CTION all (ADR bil (ADR) bil (ADR) bi	ser ser accor sectors ser scaccor sport Review	ss. same ma minated b ans. n.a. n.a. n.a. n.a. Not n.a. n.a. Not afe transp ding to gulations.	nner as the substr y hazardous subst ort informa applicable applicable applicable ort must be follow	ed. ents	es



Skin Irrit. - Skin irritation Skin Irrit. — Skin irritation Resp. Sens. — Respiratory sensitization Skin Sens. — Skin sensitization Carc. — Carcinogenicity STOT RE — Specific target organ toxicity - repeated exposure Acute Tox. — Acute toxicity - inhalation

Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended. Guidelines for the preparation of safety data sheets as amended (ECHA). Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA). Safety data sheets for the constituent substances.

CHA Homepage - Information about chemicals. GESTIS Substance Database (Germany). German Environment Agency "Rigoletto" information site on substances that are hazardous to water

(Germany). EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended. Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Any abbreviations and acronyms used in this document:

acc., acc. to according, according to

ADR ACCord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) AOX Adsorbable organic halogen compounds

 AOX
 Adsorbable organic halogen compounds

 approx.
 approximately

 Art., Art. no.Article number
 Astronometry

 ASTM
 ASTM International (American Society for Testing and Materials)

 ATE
 Acute Toxicity Estimate

 BAM
 Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

 BAuA
 Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

DOF	Disconcentration factor
BCF BSEF	Bioconcentration factor The International Bromine Council
bw	body weight
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification,
labelling ar	nd packaging of substances and mixtures)
CMR	carcinogenic, mutagenic, reproductive toxic
DMEL	Derived Minimum Effect Level
DNEL	Derived No Effect Level
DOC dw	Dissolved organic carbon
e.g.	dry weight for example (abbreviation of Latin 'exempli gratia'), for instance
	x, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass
(algae, plar	
EC	Éuropean Community
ECHA	European Chemicals Agency
	x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect
EEC	European Economic Community
EINECS ELINCS	European Inventory of Existing Commercial Chemical Substances
EN	European List of Notified Chemical Substances European Norms
EPA	United States Environmental Protection Agency (United States of America)
ErCx, EµC	x, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate
(algae, plar	nts)
etc.	et cetera
EU	European Union
EVAL	Ethylene-vinyl alcohol copolymer
Fax. gen.	Fax number general
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GWP	Global warming potential
Koc	Adsorption coefficient of organic carbon in the soil
Kow	octanol-water partition coefficient
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
	International Bulk Chemical (Code) International Maritime Code for Dangerous Goods
incl.	including, inclusive
IUCLID	International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
Log Koc Log Kow, L	Logarithm of adsorption coefficient of organic carbon in the soil
LOG KOW, L	.og Pow Logarithm of octanol-water partition coefficient Limited Quantities
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.a.	not applicable
n.av.	not available
n.c.	not checked
n.d.a.	no data available
NIOSH NLP	National Institute for Occupational Safety and Health (USA) No-longer-Polymer
NOEC, NO	
OECD	Organisation for Economic Co-operation and Development
org.	organic
OSHA	Occupational Safety and Health Administration (USA)
PBT	persistent, bioaccumulative and toxic
PE	Polyethylene
PNEC ppm	Predicted No Effect Concentration parts per million
PVC	Polyvinylchloride
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No
1907/2006	concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT	List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS
	r numerical identifier. List Numbers do not have any legal significance, rather they are purely
	lentifiers for processing a submission via REACH-IT.
RID	Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= concerning the International Carriage of Dangerous Goods by Rail)
SVHC	Substances of Very High Concern
Tel.	Telephone
TOC	Total organic carbon
UN RTDG	United Nations Recommendations on the Transport of Dangerous Goods

- Volatile organic compounds very persistent and very bioaccumulative
- VOC vPvB wwt
- wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by: Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.