

Revision date / versior	ed / version: 27.07.2021 / 0 1 .2021		2.3 Other hazards 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 of	6). rsistent, bioaccumulative, toxic) or is not included
COSMOPUR VP 156	00)		SECTION 3: Composition/info	ormation on ingredients
	ding to Regulatio	y data sheet n (EC) No 1907/2006, Annex II	3.1 Substances	
SECTION 1	: Identification of	f the substance/mixture and of the	^{n.a.} 3.2 Mixtures	
	compar	ny/undertaking	4,4'-methylenediphenyl diisocyanate	
			Registration number (REACH) Index	01-2119457014-47-XXXX 615-005-00-9
1.1 Product iden	ntifier		EINECS, ELINCS, NLP, REACH-IT List-No.	202-966-0
COSMO PU-1	60.230		CAS content %	101-68-8 10-<30
(COSMOPUR			Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334
	ntified uses of the su	ubstance or mixture and uses advised		Skin Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335
against		· · · · · · · · · · · · · · · · · · ·		STOT RE 2, H373 (respiratory system) (as
Seam sealant	ied uses of the subs	tance or mixture:	Specific Concentration Limits and ATE	inhalation) Skin Irrit. 2, H315: >=5 %
Uses advised ag				Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 %
No information availab				STOT SE 3, H335: >=5 % ATE (as inhalation, Aerosol): 1,5 mg/l/4h
1.3 Details of the Weiss Chemie + Tech	e supplier of the safe	ety data sheet		
Hansastrasse 2			o-(p-isocyanatobenzyl)phenyl isocyanate Registration number (REACH)	01-2119480143-45-XXXX
35708 Haiger Tel: +49 (0) 2773 / 815	5-0		Index	615-005-00-9
msds@weiss-chemie.	.de		EINECS, ELINCS, NLP, REACH-IT List-No. CAS	227-534-9 5873-54-1
www.weiss-chemie.de	9		content %	10-<25
			Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Acute Tox. 4, H332 Skin Irrit. 2, H315
		-check.de, k.schnurbusch@chemical-check.de Please DO		Eye Irrit. 2, H319 Resp. Sens. 1, H334
NOT use for requestin	ng Safety Data Sheets.			Skin Sens. 1, H317
	elephone number rmation services / of	ficial advisory body:		Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as
 Telephone numb	her of the company i	n case of emergencies:	Specific Concentration Limits and ATE	inhalation) Skin Irrit. 2, H315: >=5 %
+49 (0) 700 / 24 112 1 +1 872 5888271 (WIC	12 (WIC)			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
	SECTION 2: H	azards identification	Diphenylmethanediisocyanate, isomeres and	
			homologues	
2.1 Classificatio	n of the substance o	or mixture	homologues Registration number (REACH)	
Classification ad	ccording to Regulation	on (EC) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No.	
Classification ac Hazard class	ccording to Regulation Hazard category	on (EC) 1272/2008 (CLP) Hazard statement	homologues Registration number (REACH) Index	
Classification ad	ccording to Regulation	on (EC) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE	ccording to Regulation Hazard category 4 2 3	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation.	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content %	 9016-87-9 10-<25 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit.	ccording to Regulation Hazard category 4 2 3 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation.	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE	ccording to Regulation Hazard category 4 2 3	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit.	ccording to Regulation Hazard category 4 2 3 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation.	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 10-<25 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H334 Skin Sens. 1, H337 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc.	ccording to Regulation Hazard category 4 2 3 2 1 1 2 1 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H351-Suspected of causing cancer.	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation)
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens.	According to Regulation Hazard category 4 2 3 2 1 1	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H351-Suspected of causing cancer. H373-May cause damage to organs through	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT SE 2, H373 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 %
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc.	ccording to Regulation Hazard category 4 2 3 2 1 1 2 1 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H351-Suspected of causing cancer. H373-May cause damage to organs through prolonged or repeated exposure by	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	 9016-87-9 10-25 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H314 Skin Sens. 1, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 %
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H351-Suspected of causing cancer. H373-May cause damage to organs through	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 %
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS Content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE	 9016-87-9 10-25 Acute Tox. 4, H332 Skin Irit. 2, H315 Eye Irit. 2, H315 Eye Irit. 2, H319 Resp. Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irit. 2, H315: >=5 % Eye Irit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 %
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No.	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=-0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg//4h
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content %	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 1025
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H316 Eye Irrit. 2, H316 Stor Sens. 1, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % ATE (as inhalation): 1,5 mg//4h 500-039-8 25322-69-4
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content %	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H334 SKIN Irrit. 2, H317 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg//4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H335 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 10-<25 Acute Tox. 4, H302
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2'-methylenediphenyl diisocyanate	9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h <tr tr=""> <tr tr=""> <</tr></tr>
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Specific Concentration Limits and ATE 2,2'-methylenediphenyl diisocyanate Registration number (REACH) Index	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H334 SKIN Irrit. 2, H317 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg//4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord	According to Regulation Hazard category 4 2 3 2 1 1 2 2 2 2 1 1 2 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No.	 9016-87-9 10-25 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 10-245 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg O1-2119927323-43-XXXX 615-005-00-9 219-739-4
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhale	According to Regulation Hazard category 4 3 3 1 1 2 2 nts ling to Regulation (Er Contemporation (Er)Contemporation (Er)Contempo	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Z2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Z2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content %	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg//4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 1 219.799-4 2536-05-2 1<5
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhale irritation. H315-Cause	According to Regulation Hazard category 4 2 3 2 1 1 2 2 nts ling to Regulation (El Contemporation (El Contem	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	9016-87-9 10-225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Gens. 1, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 10-<25
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhale irritation. H315-Cause difficulties if inhaled. If cancer. H373-May C	According to Regulation Hazard category 4 2 3 2 1 1 2 2 nts ling to Regulation (E Construction of the second secon	<pre>on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H315-Causes serious eye irritation. H315-Causes skin irritation. H315-Causes skin irritation. H314-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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).</pre> C) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Z2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Z2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content %	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE C22 Label element Labeling accord Danger H332-Harmful if inhald irritation. H315-Cause difficulties if inhaled. H cancer. H373-May c inhalation (respiratory	According to Regulation Hazard category 4 3 3 2 1 1 2 2 nts ling to Regulation (Er Construction of the second seco	 bon (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H314-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H316-Causes allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H333 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=-0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg//4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 219.799-4 2536-05-2 1<5 Acute Tox. 4, H332 Skin Jirrit. 2, H319 Resp. Sens. 1, H314 Skin Sens. 1, H314
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhale irritation. H315-Cause difficulties if inhaled. H332-Harmful if inhale irritation. H315-Cause difficulties if inhaled. Panger	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 2 2 1	<pre>on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H335-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP)</pre>	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	9016-87-9 10-25 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT RE 2, H333 (respiratory system) (as inhalation) SKIN Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 % STOT RE 2, H333 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mgl/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500.24 mg/kg ATE (oral): 500.24 mg/kg C1-2119927323-43-XXXX 615-005-00-9 219-799-4 2536-05-2 1-<-5
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhaled. France Irritation. H315-Cause difficulties if inhaled. If cancer. H373-May c inhalation (respiratory P201-Obtain special in protective gloves / pro protection.	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP)	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	9016-87-9 10-<25
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhald irritation. H315-Cause difficulties if inhaled. H cancer. H373-May c inhalation (respiratory P201-Obtain special in protective. Joves / pro protection. P3024P332-IF ON SK person to fresh air and.	According to Regulation Hazard category 4 3 3 2 1 1 2 2 3 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 1 2	on (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H315-Causes skin irritation. H316-Causes skin irritation. H317-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ye irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing ugh prolonged or repeated exposure by -Do not breathe vapours or spray. P280-Wear tion / face protection. P284-Wear respiratory er / soap. P304+P340-IF INHALED: Remove hing. P305+P351+P338-IF IN EYES: Rinse	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H334 SKIN Irrit. 2, H317 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mgl/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 15 Acute Tox. 4, H332 Skin Irrit. 2, H319 Resp. Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhale. H332-Harmful if inhaled. H332-Harmful if inhaled. H332-Harmful if inhaled. Fancer. H373-May c inhalation (respiratory) P201-Obtain special in protective gloves / pro protection. P302+P352-IF ON SK person to fresh air and cautiously with water f	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 2 2 4 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1	 ye irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing difficulties if inhaled. H319-Causes serious eye irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H335-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ye irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing outper prolonged or repeated exposure by inhalation (respiratory system). C) 1272/2008 (CLP) ye irritation. H351-Suspected of causing outper prolonged or repeated exposure by ob threathe vapours or spray. P280-Wear tion / face protection. P284-Wear respiratory er / soap. P304+P340-IF INHALED: Remove hing. P305+P33+PI in EYES: Rinse contact lenses, if present and easy to do. 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	9016-87-9 10-225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT RE 2, H333 STOT SE 3, H335 STOT SE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500.24 mg/kg ACute Tox. 4, H302 Acute Tox. 4, H317 2536-05-2 1-<-5
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE Carce. STOT RE STOT STOT STOT STOT STOT STOT STOT STOT	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	 con (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H314-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ye irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of causing output of the prolonged or repeated exposure by inhalation (respiratory system). C) 1272/2008 (CLP) ye irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of the prolonged or repeated exposure by 0-Do not breathe vapours or spray. P280-Wear to fact protection. P284-Waar respiratory er / soap. P304+P30+JF IN FMSE: Rinse contact lenses, if present and easy to do. armed: Get medical advice / attention. 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	9016-87-9 10-225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H319: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 10-<25
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE Classification address Carc. STOT RE STOT RE Classification address Classification address	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 2 2 3 1 1 2 2 3 1 1 2 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 2 2 1 1 2 2 3 3 3 2 2 1 1 2 2 3 3 3 4 5 5 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	 con (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H315-Cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ve irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of causing output of causing output of causing output of causing skin reaction. H351-Suspected of causing output of the protocol of the protocol of causing output of the protocol of causing output of the protocol. PO-Do not breathe vapours or spray. P280-Wear tool. P304-P30-JF INHALED: Remove for face protection. P304-P30-JF IN FYSE: Rinse oronact lenses, if present and easy to do. Paned: Get medical advice / attention.	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index 2.2*methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	 9016-87-9 1025 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT SE 3, H334 SKIN Irrit. 2, H317 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mgl/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 1-<5 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H315 STOT RE 3, H334 Skin Sens. 1, H317 Carc. 2, H315 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H315: >=5 %
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Mage: Danger H332-Harmful if inhale. H332-Harmful if inhaled. Fance: H373-May c inhalation (respiratory) P201-Obtain special in protective gloves / pro protection. P302+P352-IF ON SK person to fresh air and cautiously with water f Continue rinsing. P30 EUH204-Contains isou	According to Regulation Hazard category 4 2 3 2 1 1 2 2 1 1 2 2 3 4 1 2 2 1 1 2 2 3 4 4 2 1 1 2 2 3 4 5 4 5 5 5 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	 bon (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H319-Causes serious eye irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H335-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ve irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of causing by prolonged or repeated exposure by ob threathe vapours or spray. P280-Wear tion / face protection. P284-Wear respiratory er / soap. P304+P340-IF INHALED: Remove hing. P305+P361+P338-IF IN EYES: Rinse contact lenses, if present and easy to do. erned: Get medical advice / attention. illergic reaction. 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2*methylenediphenyl diisocyanate Registration number (REACH) Index Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2*-methylenediphenyl diisocyanate Registration number (REACH) Index Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Specific Concentration Limits and ATE Sp	9016-87-9 10-25 Acute Tox. 4, H332 Skin Irit. 2, H315 Eye Irit. 2, H315 Eye Irit. 2, H319 Resp. Sens. 1, H334 Skin Irit. 2, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irit. 2, H315: >=5 % Eye Irit. 2, H315: >=5 % Resp. Sens. 1, H334: >=0.1 % STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irit. 2, H315: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 01-2119927323-43-XXXX 615-005-00-9 219-799-4 2536-05-2 1-<-5
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Mage: Danger H332-Harmful if inhale. H332-Harmful if inhaled. Fance: H373-May c inhalation (respiratory) P201-Obtain special in protective gloves / pro protection. P302+P352-IF ON SK person to fresh air and cautiously with water f Continue rinsing. P30 EUH204-Contains isou	According to Regulation Hazard category 4 2 3 2 1 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 3 2 1 1 1 2 2 3 3 2 1 1 2 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	 bon (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H319-Causes serious eye irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H335-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ve irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of causing by prolonged or repeated exposure by ob threathe vapours or spray. P280-Wear tion / face protection. P284-Wear respiratory er / soap. P304+P340-IF INHALED: Remove hing. P305+P361+P338-IF IN EYES: Rinse contact lenses, if present and easy to do. erned: Get medical advice / attention. illergic reaction. 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors specific Concentration Limits and ATE 2,2'-methylenediphenyl diisocyanate Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE	9016-87-9 10-225 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irrit. 2, H315: >=5 % Eye Irrit. 2, H316: >=5 % Eye Irrit. 2, H316: >=5 % Resp. Sens. 1, H334: >=0,1 % STOT SE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 1025 Acute Tox. 4, H302 ATE (oral): 500.24 mg/kg ATE (oral): 500.24 mg/kg C1-2119927323-43-XXXX 615-005-00-9 219-799-4 2536-05-2 1-<-5
Classification ad Hazard class Acute Tox. Eye Irrit. STOT SE Skin Irrit. Resp. Sens. Skin Sens. Carc. STOT RE 2.2 Label element Labeling accord Danger H332-Harmful if inhald irritation. H315-Cause difficulties if inhaled. H332-Harmful if inhald irritation. H315-Cause difficulties if inhaled. Barder H373-May c inhalation (respiratory P201-Obtain special in protection. P302+P352-IF ON SK person to fresh air and cautiously with water f Continue rinsing. P30 EUH204-Contains isou As from 24 August 202 Diphenylmethanediliso	According to Regulation Hazard category 4 2 3 2 1 1 1 2 2 3 1 1 2 2 3 4 1 1 2 2 3 4 1 1 2 2 3 4 4 4 2 2 3 4 5 4 5 5 5 6 6 6 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8	 bon (EC) 1272/2008 (CLP) Hazard statement H332-Harmful if inhaled. H319-Causes serious eye irritation. H319-Causes serious eye irritation. H315-Causes skin irritation. H315-Causes skin irritation. H315-Causes skin irritation. H335-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-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). C) 1272/2008 (CLP) ve irritation. H335-May cause respiratory cause allergy or asthma symptoms or breathing skin reaction. H351-Suspected of causing output of causing by prolonged or repeated exposure by ob threathe vapours or spray. P280-Wear tion / face protection. P284-Wear respiratory er / soap. P304+P340-IF INHALED: Remove hing. P305+P361+P338-IF IN EYES: Rinse contact lenses, if present and easy to do. erned: Get medical advice / attention. illergic reaction. 	homologues Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Poly propylene glycol Registration number (REACH) Index EINECS, ELINCS, NLP, REACH-IT List-No. CAS content % Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2*methylenediphenyl diisocyanate Registration number (REACH) Index Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE 2,2*-methylenediphenyl diisocyanate Registration number (REACH) Index Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Specific Concentration Limits and ATE Specific Concentration Limits and ATE Sp	9016-87-9 10-25 Acute Tox. 4, H332 Skin Irit. 2, H315 Eye Irit. 2, H315 Eye Irit. 2, H317 Carc. 2, H351 STOT RE 2, H373 (respiratory system) (as inhalation) Skin Irit. 2, H315: >=5 % Eye Irit. 2, H317 (respiratory system) (as inhalation) Skin Irit. 2, H315: >=5 % Eye Irit. 2, H314: >=0.1 % STOT RE 3, H335: >=5 % ATE (as inhalation): 1,5 mg/l/4h 500-039-8 25322-69-4 10-25 Acute Tox. 4, H302 ATE (oral): 500,24 mg/kg ATE (oral): 500,24 mg/kg 01-2119927323-43-XXXX 615-005-00-9 219-799-4 2536-05-2 1-<-5



_	
Bage 2 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 COSMOPUL f02.20 (COSMOPUR VP 1568)	 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. Keep moist. Do not close packing drum. Allow to stand for a few days in an unclosed container until reaction no longer occurs. 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.
content % <0.25 Classification according to Regulation (EC) 1272/2008 (CLP), M-factors Acute Tox. 3, H331 Acute Tox. 4, H312 Acute Tox. 4, H312	SECTION 7: Handling and storage
Skin Corr. 1A, H314 Eye Dam. 1, H318 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 First-aiders should ensure they are protected! Never pour anything into the mouth of an unconscious person! Inhalation	In addition to information given in this section, relevant information can also be found in section 8 and 6.1. 7.1 Precautions for safe handling 7.1.1 General recommendations Avoid inhalation of the vapours. Ensure good ventilation. If applicable, suction measures at the workstation or on the processing machine necessary. Avoid contact with eyes or skin. No contact with products of this type in case of allergies, asthma und chronic respiratory tract disorders. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions. 7.1.2 Notes on general hygiene measures at the workplace General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work.
Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. If the person so is unconscious, place in a stable side position and consult a doctor. Respiratory arrest - Artificial respiration apparatus necessary. Skin contact Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor. Dab away with polyethylene glycol 400 Eye contact Remove contact lenses. Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available. Ingestion Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately.	Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed. 7.2 Conditions for safe storage, including any incompatibilities Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Do not store with oxidizing agents. Store in a well ventilated place. Store in a dry place. Store at room temperature. Keep protected from direct sunlight and temperatures over 50°C. 7.3 Specific end use(s) Adhesive sealant SECTION 8: Exposure controls/personal protection
4.2 Most important symptoms and effects, both acute and delayed If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. The following may occur:	· · · · ·
Dermatitis (skin inflammation) Drying of the skin. Allergic contact eczema	8.1 Control parameters GB Chemical Name 4,4'-methylenediphenyl diisocyanate Content
Discoloration of the skin Irritant to mucosa of the nose and throat Coughing	WEL-TWA: 0,02 mg/m3 (Isocyanates, all (as -NCO)) WEL-STEL: 0,07 mg/m3 (Isocyanates, all (as -NCO))
Headaches Effect on the central nervous system Asthmatic symptoms In case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms.	Monitoring procedures: ISO 16702 (Workplace air quality – determination of total isocyanate groups in air using 2-(1-methoxyphenylpiperazine and liquid chromatography) - 2007
Respiratory distress Other dangerous properties cannot be ruled out. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. 4.3 Indication of any immediate medical attention and special treatment needed Symptomatic treatment. Delayed effects from exposure can be expected. In case of urge to cough - antitussive agents In case of irritation of the lungs, perform first-aid with controlled-dosage aerosol dexamethasone.	MDHS 25/4 (Organic isocyanates in air – Laboratory method using sampling either onto 2-(1-methoxyphenylpiperazine coated glass fibre filters followed by solvent desorption or into impingers and analysis using high performance liquid chromatography) - 2015 - EU project BC/CEN/ENTR/00/2002-16 card 7-4 (2004) NIOSH 5521 (ISOCYANATES, MONOMERIC) - 1994 NIOSH 5522 (ISOCYANATES) - 1998 NIOSH 5525 (ISOCYANATES) - 1098 NIOSH 5525 (ISOCYANATES) - 10980 OSHA 18 (Diisocyanates 2,4-TDI and MDI) - 1980
SECTION 5: Firefighting measures	OSHA 47 (Methylene Bisphenyl Isocyanate (MDI)) - 1984 BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine Other information: Sen (At the end of the period of exposure) (Isocyanates, all (as -NCO))
5.1 Extinguishing media Suitable extinguishing media	Chemical Name o-(p-isocyanatobenzyl)phenyl isocyanate Content %:10- 255
CO2 Extinction powder Water jet spray	WEL-TWA: 0,02 mg/m3 (Isocyanates, WEL-STEL: 0,07 mg/m3 (Isocyanates, all (as -NCO)) Monitoring procedures:
Large fire: Water jet spray / alcohol resistant foam Unsuitable extinguishing media	BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine Other information: Sen (At the end of the period of exposure) (Isocyanates, all (as -NCO))
High volume water jet 5.2 Special hazards arising from the substance or mixture In case of fire the following can develop:	GE Chemical Name Diphenylmethanediisocyanate, isomeres and homologues Content %:10- <25
Oxides of carbon Oxides of nitrogen Isocyanates	WEL-TWA: 0.02 mg/m3 (Isocyanates, all (as -NCO)) WEL-STEL: 0.07 mg/m3 (Isocyanates, all (as -NCO)) Monitoring procedures:
Hydrocyanic acid (hydrogen cyanide) Toxic pyrolysis products. Danger of bursting (explosion) when heated	BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine (At the end of the period of exposure) Other information: Sen (Isocyanates, all (as -NCO)) (GB) Chemical Name 2,2'-methylenediphenyl diisocyanate Content
5.3 Advice for firefighters For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes.	WEL-TWA: 0.02 mg/m3 (Isocyanates, all (as -NCO)) WEL-STEL: 0.07 mg/m3 (Isocyanates, all (as -NCO))
Protective respirator with independent air supply. According to size of first Full protection, if necessary.	Monitoring procedures: BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine (At the end of the period of exposure) (Isocyanates, all (as -NCO))
Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.	
SECTION 6: Accidental release measures	4,4'-methylenediphenyl diisocyanate
6.1 Personal precautions, protective equipment and emergency procedures	A,4-memylenedipnenyl dilsocyanate Area of application Exposure route / Effect on Descri Valu Unit Note Environmental health ptor e
6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to	Compartment PNEC 1 mg/l Environment - PNEC 0,1 mg/l Environment - PNEC 0,1 mg/l
prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products.	Environment - PNEC 0,1 mg/r marine Environment - PNEC 1 mg/r
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.	Plant PNEC 1 mg/kg dw
If applicable, caution - risk of slipping. 6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications.	Environment - PNEC 10 mg/l sporadic (intermittent) release
6.2 Environmental precautions	Consumer Human - oral Short term, DNEL 20 mg/kg
If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration.	systemic effects bw/day Consumer Human - dermal Short term, DNEL 17,2 mg/cm Consumer Human - dermal Short term, DNEL 2 consumer
Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities.	Consumer Human - dermal Short term, DNEL 25 mg/kg systemic effects bw/day



GB Page 3 of 9 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0010 Replacing version tatle / version: 27.07.2021 / 0009 Valid from: 01.11.2021 PDF print date: 01.11.2021 COSMO PU-160.230

(COSMOPUR VP 1568)

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, local effects	DNEL	28,7	mg/cm 2	
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	50	mg/kg bw/day	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	0,1	mg/m3	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	0,1	mg/m3	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	0,05	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	0,05	mg/m3	

o-(p-isocyanatobenz Area of application	Exposure route /	Effect on	Descri	Valu	Unit	Note
Area of application	Exposure route / Environmental	health			Unit	Note
		nealth	ptor	е		
	compartment Environment -		PNEC	1		
			PNEC	1	mg/l	
	freshwater		51/50			
	Environment -		PNEC	0,1	mg/l	
	marine		51/50			
	Environment -		PNEC	1	mg/l	
	sewage treatment					
	plant Environment - soil		PNEC	1		
	Environment - soli		PNEC	1	mg/kg	
	Environment -		PNEC	10	dw	
			PNEC	10	mg/l	
	sporadic					
0	(intermittent) release Human - oral	Oh and ta ma	DNEL	20		
Consumer	Human - orai	Short term, systemic effects	DNEL	20	mg/kg bw/day	
Consumer	Human - dermal	Short term.	DNEL	17.2	mg/cm	
Consumer	Human - dermai	local effects	DNEL	17,2	ng/cm 2	
Consumer	Human - dermal	Short term.	DNEL	25	∠ mg/kg	
Consumer	Human - dermai	systemic effects	DNEL	25	bw/d	
Consumer	Human - inhalation	Short term,	DNEL	0.05	mg/m3	
Consumer	Human - Innaiation	local effects	DNEL	0,05	ing/ins	
Consumer	Human - inhalation	Short term.	DNEL	0.05	mg/m3	
Consumer	Human - Innaiation	systemic effects	DNEL	0,05	ing/ins	
Consumer	Human - inhalation	Long term,	DNEL	0.02	mg/m3	
Consumer	Human - Innaiation	local effects	DNEL	5	ing/ins	
Consumer	Human - inhalation	Long term,	DNEL	0.02	mg/m3	
Consumer	riuman - innaiation	systemic effects	DINEL	5	ing/ino	
Workers /	Human - dermal	Short term.	DNEL	50	mg/kg	
employees		systemic effects	2		bw/d	
Workers /	Human - dermal	Short term,	DNEL	28.7	mg/cm	
employees	donna	local effects			2	
Workers /	Human - inhalation	Short term.	DNEL	0,1	mg/m3	
employees		systemic effects	2	0,1		
Workers /	Human - inhalation	Short term.	DNEL	0.1	mg/m3	
employees		local effects			3,	
Workers /	Human - inhalation	Long term,	DNEL	0,05	mg/m3	
employees		systemic effects		-,		
Workers /	Human - inhalation	Long term,	DNEL	0,05	mg/m3	
employees		local effects			U .	

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

Area of application	Exposure route /	Effect on	Descri	Valu	Unit	Note
	Environmental	health	ptor	е		
	compartment					
	Environment -		PNEC	0,13	mg/l	
	freshwater			3	-	
	Environment -		PNEC	0,01	mg/l	
	marine			33	-	
	Environment -		PNEC	1,33	mg/l	
	sporadic			7	-	
	(intermittent) release					
	Environment -		PNEC	6,17	mg/l	
	sewage treatment			1	-	
	plant					
	Environment -		PNEC	0,63	mg/kg	
	sediment, freshwater			65		
	Environment -		PNEC	0,06	mg/kg	
	sediment, marine			37		
	Environment - soil		PNEC	0,04	mg/kg	
				92		
Workers /	Human - inhalation	Long term,	DNEL	3,94	mg/m3	
employees		systemic effects			-	
Workers /	Human - dermal	Long term,	DNEL	4,47	mg/kg	
employees		systemic effects			bw/d	

B WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). (8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, 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, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinnie in urine (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. (b) = inhalable fraction (2017/164/EU, 2017/239/EU). (9) = Respirable fraction (2017/164/EU, 2017/239/EU). (9) = Respirable fraction (2017/164/EU), (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 asthma. 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. Keep 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

>= 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 not 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 glove 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

varies from manufacturer to manufacturer

The exact breakthrough time of the 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 a

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Colour: Odour: Melting point/freezing point: Boiling point or initial boiling point and boiling range: Flammability: Lower explosion limit:

Liquid According to specification Characte There is no information available on this parameter. There is no information available on this parameter. Combustible. n.a.



B)													
B) Page 4 of 9 Safety data sheet accord	ling to Requi	lation (EC) N	lo 1907/200	6 Annex II			Respiratory or skin sensitisation:				Guinea pig		Yes (inhalation)
Revision date / version: Replacing version dated Valid from: 01.11.2021 PDF print date: 01.11.20	01.11.2021 / version: 27	/ 0010		o, Annex n			Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Skin Sens. 1
COSMO PU-160.230 COSMOPUR VP 1568)							Germ cell mutagenicity:				Salmonel la typhimuri	OECD 471 (Bacterial Reverse	Negative, Analogous conclusion
							• •				um	Mutation Test)	
Upper explosion limit: Flash point: Auto-ignition temperatur Decomposition temperat	e: ure:		No Th	ere is no infor ere is no infor	mation available on th mation available on th	-	Germ cell mutagenicity:				Rat	OECD 474 (Mammalian Erythrocyte Micronucleus	Negativem ale
oH: Kinematic viscosity: Solubility: Partition coefficient n-oc	anol/water (log value):	16 rea	kture reacts w 00 - 1900 mPa acts with water es not apply to	as (20°C, Dynamic vis r, Insoluble	cosity)	Germ cell mutagenicity:				Rat	Test) OECD 489 (In Vivo Mammalian Alkaline Comet	Negativem ale
Vapour pressure: Density and/or relative d Relative vapour density: Particle characteristics:	ensity:	,	Th 1,1 Th	ere is no infor 3 - 1,15 g/cm	mation available on th 3 (20°C) mation available on th		Carcinogenicity:				Rat	Assay) OECD 453 (Combined Chronic	Aerosol, Analogous conclusion
9.2 Other information Explosives: Oxidising liquids:	tion			oduct is not ex			Reproductive toxicity:	NOAE	4-12	mg/m	Rat	Toxicity/Carcinog enicity Studies) OECD 414	Carc. 2 Aerosol,
	SECTIO	ON 10: S		y and rea	activity			L		3		(Prenatal Developmental Toxicity Study)	Analogous conclusion
10.1 Reactivity The product has not bee							Specific target organ toxicity - single exposure (STOT-SE), inhalative:						May cause respiratory irritation.
10.2 Chemical sta Stable with proper storag 10.3 Possibility of No decomposition if use 10.4 Conditions to	ge and handl hazardo d as intende	us reactio	ons				Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	LOAE L	1	mg/m 3	Rat	OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Analogous conclusion Target organ(s):
Protect from humidity. Polymerisation due to hi		ssible.					Specific target organ	NOAE	0,2	mg/m	Rat	OECD 453	respiratory system Aerosol,
T ~ 260°C 10.5 Incompatible Acids Bases Oxidizing agents	material	5					toxicity - repeated exposure (STOT-RE), inhalat.:	L	-1-	3		(Combined Chronic Toxicity/Carcinog enicity Studies)	Analogous conclusion Target organ(s): respiratory
Amines Alcohols Polyhydric alcohols							o-(p-isocyanatobenzyl)						system
Water Developement of:							Toxicity / effect	Endpo int	Value	Unit	Organis m	Test method	Notes
CO2 CO2 formation in closed Pressure increase will re 10.6 Hazardous d e	sult in dange	er of bursting					Acute toxicity, by oral route:	LD50	>2000	mg/k g	Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY)	Analogous conclusion
		itian nrac											
No decomposition when	used as dire	cted.		gical info	ormation		Acute toxicity, by dermal route:	LD50	>9400	mg/k g	Rabbit	OECD 402 (Acute Dermal Toxicity)	conclusion
No decomposition when S 11.1. Information Possibly more informatic	used as dire	N 11: To	as defin	ed in Reg	ulation (EC) No	1272/2008	dermal route: Acute toxicity, by inhalation:	LC50	0,387	g mg/l/ 4h	Rabbit Rat	OECD 402 (Acute Dermal	Aerosol, Does not conform with EU classification
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568)	ECTION	N 11: To	as defin	ed in Reg (classification Organis	ulation (EC) No	1272/2008	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation:			g mg/l/	Rat	OECD 402 (Acute Dermal Toxicity)	Aerosol, Does not conform with EU classification. Aerosol, Expert judgement
No decomposition when S 11.1. Information (Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral Acute toxicity, by	used as dire	nted. N 11: To d classes effects, see \$	as defin Section 2.1	ed in Reg (classification	ulation (EC) No [·]		dermal route: Acute toxicity, by inhalation: Acute toxicity, by	LC50	0,387	g mg/l/ 4h mg/l/		OECD 402 (Acute Dermal	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation:	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin	LC50	0,387	g mg/l/ 4h mg/l/	Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio	conclusion Aerosol, Does not conform with EU classification n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Not irritant, Analogous conclusion
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation:	ECTION DON HAZARO ON ON HAZARO IN ON HEALTH	Acted. N 11: To d classes effects, see S Value >2000 12,43-	as defin Section 2.1	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value,	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye	LC50	0,387	g mg/l/ 4h mg/l/	Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificati Does not conform
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation:	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value, Aerosol	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation:	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n)	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement judgement judgement skin Irrit. 2, Analogous conclusion Does not conclusion Does not conform with EU classificati n.
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin Serious eye damage/irritation: Respiratory or skin	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value,	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation:	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Guinea pig	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform With EU classificati n. No (skin contact), Analogous conclusion
No decomposition when S 11.1. Information (Possibly more informatic COSMO PU-160.230 (COSMOPUL 160.230 (COSMOPUL VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by oral acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Germ cell mutagenicity: Carcinogenicity: Carcinogenicity:	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Guinea	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n)	conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificatii n. No (skin conclusion Yes (inhalation Analogous
No decomposition when S 11.1. Information Possibly more informatic COSMO PU-160.230 (COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eyer damage/iritation: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: Specific target organ toxicity - single	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Guinea pig Guinea	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (skin conclusion Yes (skin contact), Analogous
No decomposition when S 11.1. Information . Possibly more informatic COSMO PU-160.230 (COSMO PU-160.230 (COSMO PUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Skin corrosion/irritation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Germ cell mutagenicity: Carcinogenicity: Carcinogenicity: Specific target organ toxicity - single exposure (STOT-SE): Specific target organ toxicity - repeated	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation:	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Mouse Salmonel la typhimuri	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse	conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificati n. No (skin conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin
No decomposition when S 11.1. Information CosMo PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin Gerious eye damage/irritation: Gerious eye damage/irritation: Respiratory or skin Sestin coll mutagenicity: Garcinogenicity: Specific target organ toxicity, repeated exposure (STOT-RE): Aspiration hazard:	used as dire ECTION on hazaro n on health Endpo int ATE ATE	Value >2000 12,43- 21,5 2,06- 3,67	as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Organis	ulation (EC) No [·]	Notes calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Salmonel la typhimuri um	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 429 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test)	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin
No decomposition when	Used as directed a	victed. V 11: To J Classes effects, see 5 Value >2000 12,43- 21,5 2,06- 3,67 - <tr< td=""><td>vicolog as defin Section 2.1 Unit mg/k g mg/l/ 4h</td><td>ed in Reg (classification Drganis m</td><td>ulation (EC) No</td><td>Notes Calculated value n.d.a. Calculated value, Vapours Calculated value, Aerosol n.d.a. N.d.</td><td>dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell</td><td>LC50</td><td>0,387</td><td>g mg/l/ 4h mg/l/</td><td>Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Mouse Salmonel la typhimuri</td><td>OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 407 (Skin Sensitisation) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Mammalian Erythrocyte</td><td>conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Not irritant Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion</td></tr<>	vicolog as defin Section 2.1 Unit mg/k g mg/l/ 4h	ed in Reg (classification Drganis m	ulation (EC) No	Notes Calculated value n.d.a. Calculated value, Vapours Calculated value, Aerosol n.d.a. N.d.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Mouse Salmonel la typhimuri	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 407 (Skin Sensitisation) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Mammalian Erythrocyte	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Not irritant Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion
No decomposition when Possibly more informatic COSMO PU-160.230 (COSMO PU-160.230 (COSMO PU-160.230 (COSMO PUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Germ cell mutagenicity: Carcinogenicity: Specific target organ toxicity - repeated exposure (STOT-SE): Specific target organ toxicity - repeated exposure (STOT-sE): Specific target organ toxicity - repeated exposure (STOT-SE): Specific target organ toxicity - repeated exposure (STOT-SE): Aquitation hazard: Symptoms: Aquitation toxicity, by oral route:	LD50	victed. V 11: To J Classes effects, see \$ Value >2000 12,43- 21,5 2,06- 3,67 -	An and a section 2.1	Organis Organis M Organis M Organis M Rat	Test method Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY)	Notes Calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. N.d.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:	LC50	0,387	g mg/l/ 4h mg/l/	Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Salmonel la typhimuri um	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation- Local Lymph Node Assay) OECD 474 (Marmalian Erythrocyte Mitation Test) OECD 473 (Combined Chronic	conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificatii n. No (skin conclusion Ves (inhalation Analogous conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion
No decomposition when	Used as directed a	victed. V 11: To J Classes effects, see 5 Value >2000 12,43- 21,5 2,06- 3,67 - <tr< td=""><td>A constraints of the section 2.1 constraints of the section 2.</td><td>ed in Reg (classification Organis m Organis Rat</td><td>Test method Test method Test method Test method Test method Test method Curre ORAL COX(CTY) OECD 402 (Acute Dermal Toxicity)</td><td>Notes Calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. Notes Analogous conclusion Analogous conclusion</td><td>dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:</td><td>LC50</td><td>0,387</td><td>9 mg/l/ 4h 4h</td><td>Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Salmonel la typhimuri um Rat</td><td>OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 471 (Bacterial Reverse Mutation Test) OECD 473 (Combined</td><td>conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificatii n. No (skin contact), Analogous conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Carc. 2</td></tr<>	A constraints of the section 2.1 constraints of the section 2.	ed in Reg (classification Organis m Organis Rat	Test method Test method Test method Test method Test method Test method Curre ORAL COX(CTY) OECD 402 (Acute Dermal Toxicity)	Notes Calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. Notes Analogous conclusion Analogous conclusion	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity:	LC50	0,387	9 mg/l/ 4h 4h	Rat Rabbit Rabbit Rabbit Guinea pig Guinea pig Salmonel la typhimuri um Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 471 (Bacterial Reverse Mutation Test) OECD 473 (Combined	conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificatii n. No (skin contact), Analogous conclusion Yes (inhalation Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Carc. 2
No decomposition when Possibly more informatic COSMO PU-160.230 (COSMO PU-160.230 (COSMO PU-160.230 (COSMO PU-160.230 Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Specific target organ toxicity - single exposure (STOT-SE): Specific target organ toxicity - repeated exposure (STOT-RE): Aspiration hazard: Symptoms: 4.4'-methylenedipheny Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route: Acute toxicity, by	LD50	victed. V 11: To J Classes effects, see \$ Value >2000 12,43- 21,5 2,06- 3,67 -	vicolog as defin Section 2.1 Unit mg/k g mg/l/ 4h	Organis Organis M Organis M Organis M Rat	Test method Test method Test method Test method Test method Comparison Test method Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY) OECD 402 (Acute Dermal	Notes Calculated value n.d.a. calculated value n.d.a. calculated value, Aerosol n.d.a.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Carcinogenicity:	ATE	0,387	9 mg/l/ 4h	Rat Rabbit Rabbit Rabbit Rabbit Guinea pig Guinea pig Guinea pig Salmonel la typhimuri um Rat Rat Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation- Local Lymph Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 453 (Combined Chronic Data Say (Carcing Studies) OECD 414	conclusion Aerosol, Does not conform with EU classificatii n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Does not conform with EU classificati n. No (skin conclusion Does not conform with EU classificati n. No (skin conclusion Yes (skin conclusion Yes (skin conclusion Yes (skin conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Carc. 2 Aerosol, Analogous conclusion Carc. 2
No decomposition when S 11.1. Information + Possibly more informatic COSMO PU-160.230 (COSMO PU-160.230 (COSMO PUR VP 1568)) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by oral inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Serious eye damage/irritation: Serious eye damage/irritation: Serious eye carbogencity: Carcinogencity: Carcinogencity: Specific target organ toxicity - single exposure (STOT-SE): Specific target organ toxicity / effect Acute toxicity, by oral route: Acute toxicity, by oral route: Acute toxicity, by inhalation:	Used as directed a	victed. V 11: To J Classes effects, see 5 Value >2000 12,43- 21,5 2,06- 3,67 - <tr< td=""><td>An and a section 2.1 An an</td><td>ed in Reg (classification Organis m Organis Rat</td><td>Ulation (EC) No Test method Test method Test method Test method Test method Test method Curre ORAL Curre ORAL ToXICITY OECD 402 (Acute Inhalation Curry) CECD 403 (Acute Inhalation</td><td>Notes Calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. Notes Analogous conclusion Analogous conclusion Aerosol, Dees not conform with EU classificatio n. Aerosol, Dees not conform with EU classificatio n. Aerosol, Dees not conform with EU classificatio n. Aerosol, Dees not conform with EU classificatio n.</td><td>dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity: Reproductive toxicity:</td><td>ATE</td><td>0,387</td><td>9 mg/l/ 4h 4h</td><td>Rat Rabbit Rabbit Rabbit Rabbit Guinea pig Guinea pig Guinea pig Salmonel la typhimuri um Rat Rat Rat</td><td>OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 453 (Combined Chronic Toxicity/Carcinog encity Studies) OECD 414 (Prenatal Developmental</td><td>conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Not irritant, Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (inhalation) Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Carc. 2 Aerosol, Analogous conclusion Carc. 2 Aerosol, Analogous conclusion Carc. 2</td></tr<>	An and a section 2.1 An	ed in Reg (classification Organis m Organis Rat	Ulation (EC) No Test method Test method Test method Test method Test method Test method Curre ORAL Curre ORAL ToXICITY OECD 402 (Acute Inhalation Curry) CECD 403 (Acute Inhalation	Notes Calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. Notes Analogous conclusion Analogous conclusion Aerosol, Dees not conform with EU classificatio n.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity: Reproductive toxicity:	ATE	0,387	9 mg/l/ 4h 4h	Rat Rabbit Rabbit Rabbit Rabbit Guinea pig Guinea pig Guinea pig Salmonel la typhimuri um Rat Rat Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 453 (Combined Chronic Toxicity/Carcinog encity Studies) OECD 414 (Prenatal Developmental	conclusion Aerosol, Does not conform with EU classificati n. Aerosol, Expert judgement Skin Irrit. 2, Analogous conclusion Not irritant, Analogous conclusion Does not conform with EU classificati n. No (skin contact), Analogous conclusion Yes (inhalation) Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Carc. 2 Aerosol, Analogous conclusion Carc. 2 Aerosol, Analogous conclusion Carc. 2
No decomposition when S 11.1. Informatic Possibly more informatic COSMO PU-160.230 (COSMOPUR VP 1568) Toxicity / effect Acute toxicity, by oral route: Acute toxicity, by dermal route:	Used as directed a	victed. V 11: To J classes Value >2000 12,43- 21,5 2,06- 3,67 3,67 - >2000 <td>A constraints of the section 2.1 constraints of the section 2.</td> <td>ed in Reg (classification Organis m Organis Rat</td> <td>Ulation (EC) No Test method Test method Test method Test method Test method Test method Curre ORAL Curre ORAL ToXICITY OECD 402 (Acute Inhalation Curry) CECD 403 (Acute Inhalation</td> <td>Notes Calculated value n.d.a. calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. Notes Analogous conclusion Conform with EU classificatio n.</td> <td>dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity: Reproductive toxicity:</td> <td>ATE</td> <td>0,387</td> <td>9 mg/l/ 4h 4h</td> <td>Rat Rabbit Rabbit Rabbit Rabbit Guinea pig Guinea pig Guinea pig Salmonel la typhimuri um Rat Rat Rat</td> <td>OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 453 (Combined Chronic Toxicity/Carcinog encity Studies) OECD 414 (Prenatal Developmental</td> <td>Aerosol, Does not conform with EU classificatio n. Aerosol, Expert judgement. Skin Irrit. 2, Analogous conclusion, Does not conform with EU classificatio n. No (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion male</td>	A constraints of the section 2.1 constraints of the section 2.	ed in Reg (classification Organis m Organis Rat	Ulation (EC) No Test method Test method Test method Test method Test method Test method Curre ORAL Curre ORAL ToXICITY OECD 402 (Acute Inhalation Curry) CECD 403 (Acute Inhalation	Notes Calculated value n.d.a. calculated value n.d.a. calculated value, Vapours calculated value, Aerosol n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. Notes Analogous conclusion Conform with EU classificatio n.	dermal route: Acute toxicity, by inhalation: Acute toxicity, by inhalation: Skin corrosion/irritation: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Respiratory or skin sensitisation: Germ cell mutagenicity: Germ cell mutagenicity: Reproductive toxicity:	ATE	0,387	9 mg/l/ 4h 4h	Rat Rabbit Rabbit Rabbit Rabbit Guinea pig Guinea pig Guinea pig Salmonel la typhimuri um Rat Rat Rat	OECD 402 (Acute Dermal Toxicity) OECD 404 (Acute Dermal Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 405 (Acute Eye Irritation/Corrosio n) OECD 406 (Skin Sensitisation - Local Lymph Node Assay) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 474 (Marmalian Erythrocyte Micronucleus Test) OECD 453 (Combined Chronic Toxicity/Carcinog encity Studies) OECD 414 (Prenatal Developmental	Aerosol, Does not conform with EU classificatio n. Aerosol, Expert judgement. Skin Irrit. 2, Analogous conclusion, Does not conform with EU classificatio n. No (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Yes (skin contact), Analogous conclusion Negative, Analogous conclusion Negative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion Megative, Analogous conclusion male



B) Page 5 of 9 Safety data sheet accord							Serious eve			1	Rabbit	OECD 405	Not irritan
Page 5 of 9 Safety data sheet accord Revision date / version: 0 Replacing version dated	01.11.2021	/ 0010		6, Annex II			Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irritan
Valid from: 01.11.2021 PDF print date: 01.11.202 COSMO PU-160.230			5000				Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Not sensitizis g
(COSMOPUR VP 1568)							Germ cell				Salmonel	OECD 471 (Bacterial	Negative
Specific target organ toxicity - repeated exposure (STOT-RE),	NOAE L	0,2	mg/m 3	Rat	OECD 453 (Combined Chronic	Aerosol, Analogous conclusion,	Germ cell				la typhimuri um	Reverse Mutation Test) OECD 476 (In	Negative
inhalat.:					Toxicity/Carcinog enicity Studies)	Target organ(s): respiratory system	mutagenicity:					Vitro Mammalian Cell Gene Mutation Test)	inese hamster
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	LOAE L	1	mg/m 3	Rat	OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Analogous conclusion, Target organ(s):	Reproductive toxicity (Developmental toxicity):	NOAE L	1000	mg/k g	Rat	OECD 421 (Reproduction/D evelopmental Toxicity Screening Test)	Female, Negative, Analogou conclusio
Diphenylmethanediisoo	vanata is	meres and	homologu			respiratory system	Reproductive toxicity (Effects on fertility):	NOAE L	1000	mg/k g	Rat	OECD 421 (Reproduction/D evelopmental Toxicity	Analogou conclusio
Toxicity / effect	Endpo	Value	Unit	Organis	Test method	Notes	0					Screening Test)	
Acute toxicity, by oral route:	LD50	>5000	mg/k g	m Rat	OECD 401 (Acute Oral Toxicity)		Specific target organ toxicity - repeated exposure (STOT-RE):	NOAE L	>= 1000	mg/k g	Rat	OECD 407 (Repeated Dose 28-Day Oral Toxicity Study in	Analogou conclusio oral exposure
Acute toxicity, by dermal route:	LD50	>5000	mg/k g	Rabbit	OECD 402 (Acute Dermal Toxicity)		Symptoms:					Rodents)	annoyano cramps,
Acute toxicity, by inhalation:	LC50	0,31	mg/l/ 4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol, Does not conform	2,2'-methylenedipheny			Unit	Organia	Test method	trembling Notes
			1			with EU classificatio	Toxicity / effect	Endpo int	Value		Organis m		
Acute toxicity, by inhalation: Skin	ATE	1,5	mg/l/ 4h	Rabbit	OECD 404	n. Expert judgement. Skin Irrit. 2	Acute toxicity, by oral route:	LD50	>2000	mg/k g	Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY)	Analogou: conclusior
corrosion/irritation:					(Acute Dermal Irritation/Corrosio n)		Acute toxicity, by dermal route:	LD50	>9400	mg/k g	Rabbit	OECD 402 (Acute Dermal Toxicity)	Analogou: conclusior
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irritant, Analogous conclusion, Does not conform with EU	Acute toxicity, by inhalation:	LC50	0,527	mg/l/ 4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol, Does not conform with EU classificat n.
Respiratory or skin				Mouse	OECD 429 (Skin	classificatio n. Yes (skin	Acute toxicity, by inhalation:	ATE	1,5	mg/l			Aerosol, Expert judgemer
sensitisation: Respiratory or skin				Guinea	Sensitisation - Local Lymph Node Assay) OECD 406 (Skin	contact), Analogous conclusion No (skin	Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Skin Irrit.
sensitisation:				pig	Sensitisation)	contact)	Serious eye				Rabbit	ÓECD 405	Slightly
Respiratory or skin sensitisation:				Rat		Yes (inhalation)	damage/irritation:					(Acute Eye Irritation/Corrosio	irritant
Germ cell mutagenicity:				Rat	OECD 474 (Mammalian Erythrocyte Micronucleus	Negative, Analogous conclusion	Respiratory or skin sensitisation:				Guinea pig	n)	Yes (inhalation Analogou
Germ cell mutagenicity:				Salmonel la typhimuri	Test) OECD 471 (Bacterial Reverse	Negative	Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph	Conclusio Yes (skin contact)
Carcinogenicity:				um Rat	Mutation Test) OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Limited evidence of a carcinogeni	Germ cell mutagenicity: Germ cell				Salmonel la typhimuri um Rat	Node Assay) OECD 471 (Bacterial Reverse Mutation Test) OECD 474	Negative
Reproductive toxicity:	NOAE L	4	mg/m 3	Rat	OECD 414 (Prenatal Developmental	c effect. Aerosol, Negative	mutagenicity:					(Mammalian Erythrocyte Micronucleus Test)	Analogou conclusio
Specific target organ toxicity - repeated exposure (STOT-RE):	LOAE L	1		Rat	Toxicity Study) OECD 453 (Combined Chronic Toxicity/Carcinog	Aerosol, Analogous conclusion	Carcinogenicity:				Rat	OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Analogou conclusion Aerosol, Carc. 2
Specific target organ toxicity - repeated exposure (STOT-RE): Aspiration hazard:	NOAE L	0,2		Rat	enicity Studies) OECD 453 (Combined Chronic Toxicity/Carcinog enicity Studies)	Aerosol, Analogous conclusion Negative	Reproductive toxicity:	NOAE L	4-12	mg/m 3	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	No indication of such ar effect., Aerosol, Analogou conclusio
Specific target organ toxicity - single exposure (STOT-SE), inhalative:						Target organ(s): respiratory system, May cause respiratory	Symptoms:						respirator distress, coughing mucous membran irritation
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:						ritation. Target organ(s): respiratory system, Positive	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, Analogou
Poly propylene glycol Toxicity / effect	Endpo	Value	Unit	Organis m	Test method	Notes	Specific target organ toxicity - repeated exposure (STOT-RE),	LOAE L	1	mg/m 3	Rat	OECD 453 (Combined Chronic	conclusio Aerosol, Target organ(s):
Acute toxicity, by oral	LD50	>500 -	mg/k	Rat			inhalat.:					Toxicity/Carcinog	respirator
route: Acute toxicity, by dermal route:	LD50	<2000 >3000	g mg/k g	Rabbit	OECD 402 (Acute Dermal	Analogous conclusion						enicity Studies)	system, Analogou conclusio
Skin corrosion/irritation:				Rabbit	Toxicity) OECD 404 (Acute Dermal	Not irritant	Isophthaloyl dichloride Toxicity / effect	Endpo int	Value	Unit	Organis	Test method	Notes
			1		Irritation/Corrosio n)		Acute toxicity, by oral	LD50	>5000	mg/k	m Rat		
					1		route:			g			



B) Page 6 of 9 Safety data sheet acco Revision date / version Replacing version date Valid from: 01.11.2021 PDF print date: 01.11.2 COSMO PU-160.230	n: 01.11.2021 ad / version: 2 2021	/ 0010		06, Annex II			Other information:	DOC						DOC- eliminatic degree(co mplexing organic substance >= 80%/28d:
(COSMOPUR VP 1568	8) LD50	1410		Rabbit	1		4,4'-methylenedip		i anata					n.a.
Acute toxicity, by dermal route: Acute toxicity, by inhalation:	LC50	0,7	mg/k g mg/l/ 4h	Rabbit		Aerosol, Analogous	Toxicity / effect	Endpoin	Tim e	Valu e	Unit	Organism	Test method	Notes
Skin	_		411	Rabbit		conclusion Corrosive,	Other information:							According to
corrosion/irritation:				Rabbit		Analogous conclusion								experien available to date,
Serious eye damage/irritation:				Rabbit		Corrosive, Analogous								polycarb ide is ine
Respiratory or skin				Guinea		conclusion No (skin								and non- degradal
sensitisation: Germ cell	-			pig	OECD 476 (In	contact) Negative,								., With water at
nutagenicity:					Vitro Mammalian Cell Gene Mutation Test)	Analogous conclusion								the interface transforr slowly w
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAE L	474	mg/k g	Rat	OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)	Analogous conclusion								formation of CO2 into a firr insoluble reaction
11.2. Information COSMO PU-160.230 COSMOPUR VP 1568		hazards												product with a hig melting point (polycart
Toxicity / effect	Endpo int	Value	Unit	Organis m	Test method	Notes	12.4. Mobility in	H		0,02	Pa*m			mide).
Endocrine disrupting properties:						Does not apply to	soil: 12.1. Toxicity to	(Henry) LC50	96h	29 >10	3/mol mg/l	Brachydanio	OECD 203	Analogo
Other information:						mixtures. No other relevant	fish: 12.2.		28d	00	%	rerio	(Fish, Acute Toxicity Test) OECD 302	conclusi Not
													C (Inherent Biodegradab	biodegra ble, With
						information available on adverse effects on health.	Persistence and degradability:						ility - Modified	water at the
				ical infor		available on adverse effects on							ility -	water at the interface transform slowly w formation of CO2 into a firm insoluble
COSMO PU-160.230 COSMOPUR VP 1568	tion on envire	onmental effe	ects, see Se		n Test	available on adverse effects on							ility - Modified MITI Test	water at the interface transform slowly w formation of CO2 into a firm insoluble reaction product with a his
COSMO PU-160.230 COSMOPUR VP 1568 Toxicity / effect E t 12.1. Toxicity to ish:	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	sification).	available on adverse effects on health.							ility - Modified MITI Test	water at the interface transform slowly w formation of CO2 into a firr insoluble reaction product with a hin melting point (polycart mide).,
COSMO PU-160.230 COSMOPUR VP 1568 Toxicity / effect E t12.1. Toxicity to ish: 12.1. Toxicity to daphnia: 12.1. Toxicity to dapha	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a.							ility - Modified MITI Test	water at the interface transforr slowly w formatio of CO2 into a fir insoluble reaction product with a hi metling point (polycarl mide), Accordir to experier
COSMO PU-160.230 (COSMOPUR VP 1568 Toxicity / effect E 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.1. Toxicity to dagae: 12.2. Persistence and	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. With water at the interface, transforms slowly with formation							ility - Modified MITI Test	water at the interface transforr slowly w formatio of CO2 into a fin insoluble reaction product with a hi meting point (polycarl mide), Accordir to experier available to date, polycarb ide is in and non
COSMO PU-160.230 (COSMOPUR VP 1568 Toxicity / effect E 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.1. Toxicity to dagae: 12.2. Persistence and	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble							ility - Modified MITI Test	water at the interface transform slowly w formation of CO2 into a firri insoluble reaction product with a hi melting point (polycart midde)., Accordin to experien available to date, polycarb ide is ine and non- degradal -, Analogo
COSMO PU-160.230 (COSMOPUR VP 1568 Toxicity / effect E 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.1. Toxicity to dagae: 12.2. Persistence and	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. N.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point		EC50	24h	>10 00	mg/l	Daphnia magna	ility - Modified MITI Test (II)) OECD 202 (Daphnia sp. Acute Immobilisati	water at the interface transforr slowly w formatio of CO2 into a firin insoluble reaction product with a hi metling point (polycarl metling point (polycarl metling point (polycarl metling point (polycarl metling point (polycarl metling point (polycarl to experier available to date, polycarb ide is ine and non degrada , Analogo
COSMO PU-160.230 COSMOPUR VP 1568 Toxicity / effect E t t 12.1. Toxicity to ish: 12.1. Toxicity to Japhnia: 12.1. Toxicity to Jagae: 12.2. Persistence and	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide).	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to	NOEC/N	24h		mg/l	magna	OECD 202 (Daphnia sp. Acute Immobilisati o Test) OECD 202	water at the interface transforr slowly w formatio of CO2 into a fir insoluble reaction product with a hi melting point (polycar to experier available to date, polycarb ide is ind and non degrada Analogo conclusi
COSMO PU-160.230 COSMOPUR VP 1568 Toxicity / effect E t t 12.1. Toxicity to ish: 12.1. Toxicity to Japhnia: 12.1. Toxicity to Jagae: 12.2. Persistence and	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. N.d.a. with water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide). According to experience	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia:	NOEC/N OEL		>10		magna	ility - Modified MITI Test (II)) OECD 202 (Daphnia sp. Acute Immobilisati on Test)	water at the interface transforr slowly w formatio of CO2 into a fir insoluble reaction product with a hi melting point (polycar to experier available to date, polycarb ide is ind and non degrada Analogo conclusi
t 12.1. Toxicity to fish: 12.1. Toxicity to daphnia: 12.1. Toxicity to algae: 12.2. Persistence and degradability:	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. N.d.a. n.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide). According to experience available to date, polycarba mide is inert and non-le degradable	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to	NOEC/N		00		magna	ility - Modified MITI Test (II)) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 202 (Daphnia sp. Acute Immobilisati	water at the interface transform slowly wi formation of CO2 into a firr insoluble reaction product with a hig melting point (polycart mide)., Accordin to experien available
COSMO PU-160.230 COSMO PU-160.230 COSMO PU-160.230 COSMO PU-1568 Toxicity / effect E t 12.1. Toxicity to 12.1. Toxicity to 12.1. Toxicity to 12.2. Persistence and 12.2. Persistence and 12.2. 12.3. Bioaccumulative	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. with water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide). According to experience available to date, polycarba mide).	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.3. Bioaccumulative potential:	NOEC/N OEL Log Pow	21d	00 >10 5,22	mg/l	magna Daphnia magna	ility - Modified MITI Test (II)) (II)) MITI Test (II)) MITI Test (II)) MITI Test (Daphnia sp. Acute Immobilisati on Test) MITI Test MITI Test (II))	water at the interface transform slowly w formation of CO2 into a firri insoluble reaction product with a hit melting point (polycart midde)., Accordin to experien available to date, polycarb ide is ine available to date, polycarb ide is ine and non- degradai Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie
COSMO PU-160.230 COSMO PU-160.230 COSMO PUR VP 1568 Toxicity / effect E t 12.1. Toxicity to 13h: 12.1. Toxicity to 14phnia: 12.1. Toxicity to 14gaa: 12.2. Persistence and 14gradability: 12.3. 10accumulative 00tential: 12.5. Results of	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. N.d.a. n.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide). According to experience available to date, polycarba mide is inert and non-le degradable	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.3. Bioaccumulative	NOEC/N OEL		>10		magna	ility - Modified MITI Test (II)) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test)	water at the interface transforr slowly w formatio of CO2 into a firr insoluble reaction product with a hi melting point (polycarl midde)., Accordir to experier and non degrada Analogo conclusi Analogo conclusi Analogo conclusi Analogo conclusi Analogo conclusi Analogo conclusi Analogo conclusi
COSMO PU-160.230 COSMOPUR VP 1568 Toxicity / effect E t 12.1. Toxicity to 13h: 12.1. Toxicity to 14phnia: 12.1. Toxicity to 14gaae: 12.2. Persistence and 14ggradability: 12.3.	tion on envire	onmental effe	ects, see Se	ction 2.1 (class	n Test	available on adverse effects on health. Notes n.d.a. n.d.a. n.d.a. n.d.a. n.d.a. N.d.a. N.d.a. With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (polycarba mide). According to experience available to date, polycarba mide). According to experience available to date, polycarba mide). According to atternet and non- degradable n.d.a.	degradability: 12.1. Toxicity to daphnia: 12.1. Toxicity to daphnia: 12.3. Bioaccumulative potential: 12.1. Toxicity to	NOEC/N OEL Log Pow	21d	00 >10 5,22 >16	mg/l	magna Daphnia magna Desmodesm us	ility - Modified MITI Test (II)) OECD 202 (Daphnia sp. Acute Immobilisati on Test) OECD 202 (Daphnia sp. Acute Immobilisati on Test)	water at the interface transform slowly w formatio of CO2 into a firr insoluble reaction product with a hin melting point (polycarf (polycarf midde)., Accordin to experien and non- degradal Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie Analogo conclusie



B) Page 7 of 9 Safety data sheet a	ccording to R	egulation	(EC) No	1907/2004	S. Annex II			Toxicity to bacteria:	EC50	3h	>10 0	mg/l	activated sludge	OECD 209 (Activated	Analogous
Revision date / vers Replacing version o Valid from: 01.11.2 PDF print date: 01. COSMO PU-160.23	sion: 01.11.20 dated / versior 021 11.2021 30	21 / 0010)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			buotona.					50090	Sludge, Respiration Inhibition Test (Carbon and Ammonium	ConditalU
Other	AOX						Does not	Other organisms:	NOEC/N	14d	>10	mg/k	Avena sativa	Oxidation)) OECD 208	Analogou
information:							contain any organically bound		OEL		00	g		(Terrestrial Plants, Growth Test)	conclusio
							halogens which can contribute to the AOX value in	Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Lactuca sativa	OECD 208 (Terrestrial Plants, Growth Test)	Analogou: conclusio
Toxicity to bacteria:	EC50	3h	>10 0	mg/l	activated sludge	OECD 209 (Activated	waste water. Analogous conclusion	Toxicity to annelids:	NOEC/N OEL	14d	>10 00	mg/k g	Eisenia foetida	OECD 207 (Earthworm, Acute Toxicity	Analogou conclusio
						Sludge, Respiration								Tests)	
						Inhibition Test		Diphenylmethane Toxicity / effect	diisocyanate Endpoin	, isomere Tim	es and ho Valu	mologue: Unit	s Organism	Test	Notes
						(Carbon and			t NOEC/N	е	е		-	method OECD 208	
Other organisms:	NOEC/N	14d	>10	mg/k	Lactuca	Ammonium Oxidation)) OECD 208	Analogous	Other organisms:	OEL	14d	>10 00	mg/k g	Avena sativa	(Terrestrial Plants, Growth	
-	OEL		00	g	sativa	(Terrestrial Plants, Growth	conclusion	12.1. Toxicity to fish:	LC50	96h	>10 00	mg/l	Brachydanio rerio	Test) OECD 203 (Fish, Acute	
Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Avena sativa	Test) OECD 208 (Terrestrial Plants,	Analogous conclusion	12.1. Toxicity to	NOEC/N	21d	>10	mg/l	Daphnia	Toxicity Test) OECD 202	
Toxicity to	NOEC/N	14d	>	mg/k	Lumbricus	Growth Test) OECD 207	Analogous	daphnia:	OEL				magna	(Daphnia sp. Acute Immobilisati on Test)	
annelids:	OEL		100 0	g	terrestris	(Earthworm, Acute Toxicity Tests)	conclusion	12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati	
Toxicity to annelids:	EC50	14d	>10 00	mg/k g	Eisenia foetida	OECD 207 (Earthworm, Acute Toxicity Tests)	Analogous conclusion	12.1. Toxicity to algae:	ErC50	72h	>16 40	mg/l	Scenedesm us subspicatus	on Test) OECD 201 (Alga, Growth Inhibition	<u> </u>
o-(p-isocyanatobe	nzvi)nhenvi i	socvana	te			100107		12.2.		28d	0	%	activated	Test) OECD 302	Not
Toxicity / effect	Endpoin	Tim	Valu e	Unit	Organism	Test method	Notes	Persistence and degradability:		200		78	sludge	C (Inherent Biodegradab	biodegrad
12.1. Toxicity to fish:	LC50	96h	>10 00	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity Test)	Analogous conclusion	,						ility - Modified MITI Test (II))	According to experienc available
12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati on Test)	Analogous conclusion								to date, polycarba ide is iner and non- degradabl
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 water at the interface, transform
12.1. Toxicity to algae:	ErC50	72h	>16 40	mg/l	Scenedesm us subspicatus		Analogous conclusion								of CO2 into a firm insoluble
12.2. Persistence and degradability:		28d	0	%		OECD 302 C (Inherent Biodegradab ility - Modified	Not biodegrada ble, Analogous conclusion,								reaction product with a hig melting point
						MITI Test (II))	According to experience	12.3.	BCF	42d	<14		Cyprinus	OECD 305	(polycarb mide). Not to be
							available to date, polycarbam ide is inert	Bioaccumulative potential:					carpio	(Bioconcentr ation - Flow- Through Fish Test)	expected
							and non- degradable ., With	12.5. Results of PBT and vPvB assessment							Negative
							water at the interface, transforms slowly with formation of CO2	Toxicity to bacteria:	EC50	3h	>10 0	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon	
							into a firm, insoluble reaction	- 0.1	10-0			<i>p</i>		and Ammonium Oxidation))	
							product with a high melting point (polycarba	Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Lactuca sativa	OECD 208 (Terrestrial Plants, Growth Test)	
12.3. Bioaccumulative potential:	BCF	28d	200		Cyprinus caprio	OECD 305 (Bioconcentr ation - Flow- Through	mide). Not to be expected, Analogous conclusion	Toxicity to annelids:	NOEC/N OEL	14d	>10 00	mg/k g	Lumbricus terrestris	OECD 207 (Earthworm, Acute Toxicity Tests)	
12.4. Mobility in	Н		0,02	Pa*m		Fish Test)		Poly propylene gl	vcol						
soil: 12.5. Results of	(Henry)		29	3/mol			No PBT	Toxicity / effect	Endpoin t	Tim e	Valu e	Unit	Organism	Test method	Notes
PBT and vPvB assessment							substance, No vPvB substance	12.5. Results of PBT and vPvB assessment							No PBT substance No vPvB



GB) Page 8 of 9 Safety data sheet a Revision date / ver: Replacing version of Valid from: 01.11.2 PDF print date: 01. COSMO PU-160.2	sion: 01.11.20 dated / versior 021 11.2021	21 /001	0		6, Annex II			Toxicity to bacteria:	EC50	3h	>10 0	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and	C
(COSMOPUR VP 1	568)													Ammonium Oxidation))	
12.1. Toxicity to fish:	LC50	96h	>10 0	mg/l	Poecilia reticulata	OECD 203 (Fish, Acute Toxicity Test)		Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Avena sativa	OECD 208 (Terrestrial Plants, Growth	A
12.1. Toxicity to daphnia:	EC50	48h	>10 0	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati		Other organisms:	NOEC/N OEL	14d	>10 00	mg/k g	Lactuca sativa	Test) OECD 208 (Terrestrial Plants,	A
12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>=1 0	mg/l	Daphnia magna	on Test) OECD 211 (Daphnia magna Reproductio	Analogous conclusion	Toxicity to annelids:	NOEC/N OEL	14d	>10 00	mg/k g	Eisenia foetida	Growth Test) OECD 207 (Earthworm, Acute	Ai
12.1. Toxicity to algae:	EC0	72h	>= 100	mg/l	Desmodesm us subspicatus	n Test) OECD 201 (Alga, Growth Inhibition		Isophthaloyl dich		Tim	Valu	Unit	Organiam	Toxicity Tests)	
12.2.		28d	>60	%		Test) OECD 301	Readily	Toxicity / effect 12.1. Toxicity to	Endpoin t LC50	e 96h	e 134	mg/l	Organism Pimephales	Test method	N
Persistence and degradability:		200	200	/6		F (Ready Biodegradab	biodegrada	fish: 12.1. Toxicity to	EC50	48h	>95	mg/l	promelas Daphnia		Ar
						ility - Manometric Respirometr y Test)		daphnia: 12.1. Toxicity to algae:	EC50	96h	>95 2 >99 6	mg/l	Selenastrum capricornut um		Ar cc Ar cc
Toxicity to bacteria:	EC50	3h	>10 00	mg/l	activated sludge	OECD 209 (Activated	Analogous conclusion								
						Sludge, Respiration			SECT	ION 1	3: Dis	sposal	considera	itions	
						Inhibition Test (Carbon and		13.1 Waste tre For the subst	ance / mix			l amoun	nts		
						Ammonium Oxidation))		EC disposal code r The waste codes a Owing to the user's	are recommer						
2,2'-methylenedip Toxicity / effect	henyl diisocy Endpoin	anate Tim	Valu	Unit	Organism	Test	Notes	allocated under ce 08 04 09 waste ad	rtain circumsta hesives and s	ances. (20	014/955/E	U)		-	ces
12.5. Results of PBT and vPvB assessment	t	e	e			method	No PBT substance, No vPvB	08 05 01 waste iso Recommendation: Sewage disposal s Pay attention to loc	shall be discou		regulatior	IS.			
12.4. Mobility in	н		0,02	Pa*m			substance	E.g. suitable incine Hardened product:	:						
soil: 12.1. Toxicity to	(Henry) LC50	96h	29	3/mol mg/l	Brachydanio	OECD 203	Analogous	E.g. dispose at suit For contamina			terial				
fish:			00		rerio	(Fish, Acute Toxicity Test)	conclusion	Pay attention to loc Empty container co Uncontaminated pa Dispose of packag	cal and nation ompletely. ackaging can	al official be recycle	regulatior ed.		mer og the gubet		
12.1. Toxicity to daphnia:	NOEC/N OEL	21d	>10	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati	Analogous conclusion	15 01 02 plastic pa 15 01 10 packaging	ackaging g containing r	esidues o	f or conta	minated b		tances	
12.1. Toxicity to daphnia:	EC50	24h	>10 00	mg/l	Daphnia magna	on Test) OECD 202 (Daphnia sp. Acute Immobilisati	Analogous conclusion	General state	ments		14.1	n.a.			
12.1. Toxicity to algae:	EC50	72h	>16 40	mg/l	Scenedesm us subspicatus	on Test) OECD 201 (Alga, Growth Inhibition	Analogous conclusion	Transport by 14.2. UN proper sh 14.3. Transport has 14.4. Packing grou	hipping name: zard class(es) ip:	•	/RID)	n.a. n.a.			
12.2. Persistence and		28d	0	%	activated sludge	Test) OECD 302 C (Inherent	With water at the	Classification code LQ: 14.5. Environmenta Tunnel restriction c	al hazards:			n.a. n.a. Not			
degradability:						Biodegradab ility - Modified MITI Test	interface, transforms slowly with formation	Transport by 14.2. UN proper sh 14.3. Transport ha: 14.4. Packing grou	nipping name: zard class(es)	-		n.a. n.a.			
						(11))	of CO2 into a firm, insoluble reaction	Marine Pollutant: 14.5. Environmenta Transport by	al hazards:			n.a			
							product with a high	14.2. UN proper sh 14.3. Transport ha: 14.4. Packing grou	zard class(es)	:		n.a.			
							melting point	14.5. Environmenta	al hazards:			n.a. Not	applicable		
							(polycarba mide)., According	14.6. Special Unless specified of	therwise, gene	eral meas	ures for s				
							to experience	14.7. Maritime Non-dangerous ma					iwo instrum	CIILS	
							available to date,		SEC	TION	15: Re	gulato	ory informa	ation	
							polycarbam ide is inert and non- degradable	15.1 Safety, he substance or		enviror	nmenta	l regula	tions/legislat	tion specific	for t
							, Analogous conclusion	Observe restriction Comply with nation implementation of	nal regulations			e protectio	n of young people	e at work (nationa	ıl
12.3. Bioaccumulative	Log Pow		5,22				A notable biological	Regulation (EC) No 4,4'-methylenediph	o 1907/2006,	Annex X					
potential:							accumulati on	o-(p-isocyanatober Diphenylmethaned	nzyl)phenyl iso liisocyanate, is	ocyanate someres a	and homo	logues			
							potential has to be expected (LogPow >	2,2'-methylenediph Comply with nation 92/85/EEC)! Comply with trade	nal regulations	/laws gov	-			implementation o	f the
12.3.	BCF	28d	200		Cyprinus	OECD 305	3). Not to be	Directive 2010/75/				0 %			
Bioaccumulative					caprio	(Bioconcentr ation - Flow-	expected, Analogous								



GB Page 9 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-160.230

(COSMOPUR VP 1568)

SECTION 16: Other information

1-16

Revised sections:

These details refer to the product as it is delivered. Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Acute Tox. 4, H332	Classification according to calculation procedure.
Eye Irrit. 2, H319	Classification according to calculation procedure.
STOT SE 3, H335	Classification according to calculation procedure.
Skin Irrit. 2, H315	Classification according to calculation procedure.
Resp. Sens. 1, H334	Classification according to calculation procedure.
Skin Sens. 1, H317	Classification according to calculation procedure.
Carc. 2, H351	Classification according to calculation procedure.
STOT RE 2, H373	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3). H314 Causes severe skin burns and eye damage. H373 May cause damage to organs through prolonged or repeated exposure by inhalation. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eve damage

H319 Causes serious eye tainage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H332 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer.

Acute Tox. — Acute toxicity - inhalation Eye Irrit. — Eye irritation STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation 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 - oral Acute Tox. — Acute toxicity - oral Skin Corr. — Skin corrosion Eye Dam. — Serious eye damage

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

approx. approximately Art., Art. no.Article number

ASTM ATE BAM

ASTM International (American Society for Testing and Materials) Acute Toxicity Estimate Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and

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

BAUA Buildesanata Ar Association and Safety, Germany) BCF Bioconcentration factor BSEF The International Bromine Council

bw CAS CLP body weight Chemical Abstracts Service CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level

DNEL DOC dw	Derived No Effect Level Dissolved organic carbon dry weight
e.g.	for example (abbreviation of Latin 'exempli gratia'), for instance
(algae, plants)	
EC ECHA	European Community European Chemicals Agency
ECx, ELx ()	x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect
EEC EINECS	European Economic Community European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EN EPA	European Norms United States Environmental Protection Agency (United States of America)
ErCx, EµC>	c, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate
(algae, plar etc.	et cetera
EU	European Union
EVAL Fax.	Ethylene-vinyl alcohol copolymer
gen.	Fax number general
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GWP Koc	Global warming potential Adsorption coefficient of organic carbon in the soil
Kow	octanol-water partition coefficient
IARC IATA	International Agency for Research on Cancer International Air Transport Association
	International Bulk Chemical (Code)
	International Maritime Code for Dangerous Goods
incl. IUCLID	including, inclusive International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
LC50 LD50	Lethal Concentration to 50 % of a test population Lethal Dose to 50% of a test population (Median Lethal Dose)
Log Koc	Logarithm of adsorption coefficient of organic carbon in the soil
Log Kow, L LQ	og Pow Logarithm of octanol-water partition coefficient Limited Quantities
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.a. n.av.	not applicable 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	EL No Observed Effect Concentration/Level
OECD org.	Organisation for Economic Co-operation and Development organic
OSHA	Occupational Safety and Health Administration (USA)
PBT PE	persistent, bioaccumulative and toxic Polyethylene
PNEC	Predicted No Effect Concentration
ppm	parts per million
PVC REACH	Polyvinylchloride Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No
	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
technical id	entifiers for processing a submission via REACH-IT.
RID Regulation	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 UN RTDG	Total organic carbon United Nations Recommendations on the Transport of Dangerous Goods
VOC	Volatile organic compounds
vPvB wwt	very persistent and very bioaccumulative 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.