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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	
Trade name	: REPOX HARDENER
1.2 Relevant identified use	es of the substance or mixture and uses advised against
Use of the	: Epoxy curing agent

Substance/Mixture	
Recommended restrictions on use	: For use in industrial installations or professional treatment only.

1.3 Details of the supplier of the safety data sheet

Company	:	Roberlo s.a. Ctra. Nacional II, Km. 706,5 17457 Riudellots de la Selva Spain
Telephone	:	+34972478060
Telefax	:	+34972477394
E-mail address of person responsible for the SDS	:	msds@roberlo.com

1.4 Emergency telephone number

+34 972 478060 (8:00-12:45 / 14:15-17:30 h) ROBERLO (Spain) (GMT + 1:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Acute toxicity, Category 4	H312: Harmful in contact with skin.
Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.

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	arget organ toxicity - Category 2	repeated H373: May cause damage to organs through prolonged or repeated exposure.
2 Label eler	nents	
Labelling Hazard pi	(REGULATION (EC ctograms :	5) No 1272/2008)
Signal wo	rd :	Danger
Hazard st	atements :	 H226 Flammable liquid and vapour. H312 + H332 Harmful in contact with skin or if inhaled. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure.
Precautio	nary statements :	Prevention:
		 P210 Keep away from heat/sparks/open flames/hot surface No smoking. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P260 Do not breathe vapours. P260 Do not breathe spray.
		 Response: P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. P362 + P364 Take off contaminated clothing and wash it before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
		Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

xylene (mixture of isomers) butan-1-ol

Additional Labelling

EUH208

Contains Ethylenediamine. May produce an allergic reaction.

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2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
xylene (mixture of isomers)	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 STOT RE 2; H373 Asp. Tox. 1; H304	>= 50 - < 70
ethylbenzene	100-41-4 202-849-4 601-023-00-4 01-2119489370-35	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 1 - < 10
butan-1-ol	71-36-3 200-751-6 603-004-00-6 01-2119484630-38	Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336 STOT SE 3; H335	>= 3 - < 5
2,4,6- tris(dimethylaminomethyl)phenol	90-72-2 202-013-9 603-069-00-0	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 3 - < 5
Ethylenediamine	107-15-3 203-468-6 612-006-00-6	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Resp. Sens. 1; H334 Skin Sens. 1; H317	>= 0.1 - < 1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

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lf inhaled		:	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
In case of	skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of	eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowe	ed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
None know	wn.		effects, both acute and delayed
	-	meo	dical attention and special treatment needed
Treatment	t		No information available.
5.1 Extinguish	-		es
5.1 Extinguish			
5.1 Extinguish Suitable e	ning media xtinguishing media	:	es Use extinguishing measures that are appropriate to local
5.1 Extinguish Suitable e 5.2 Special ha	ning media xtinguishing media	:	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
5.1 Extinguish Suitable e 5.2 Special ha Hazardous	ning media xtinguishing media zards arising from s combustion	:	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 5.1 Extinguish Suitable et 5.2 Special ha Hazardous products 5.3 Advice for 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment	: the	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 5.1 Extinguish Suitable et 5.2 Special ha Hazardous products 5.3 Advice for Special pr 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment ters	: the	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. e substance or mixture No hazardous combustion products are known
 5.1 Extinguish Suitable et 5.2 Special ha Hazardous products 5.3 Advice for Special pri for firefigh Further inf 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment ters	: the :	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. e substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.
 5.1 Extinguish Suitable et 5.2 Special ha Hazardous products 5.3 Advice for Special pri for firefigh Further inf 5ECTION 6: A 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment ters formation Accidental releas	the : : Se r	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. e substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires. neasures
 5.1 Extinguish Suitable et Suitable et Suitable et Hazardous products 5.3 Advice for Special pr for firefigh Further inf 5.5 ECTION 6: 4 5.1 Personal p 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment ters formation Accidental releas	: the : : se r	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. e substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.
 5.1 Extinguish Suitable et Suitable et Suitable et Hazardous products 5.3 Advice for Special pr for firefigh Further inf 5.4 Personal p Personal p 	aing media xtinguishing media zards arising from s combustion firefighters otective equipment ters formation Accidental release precautions, protect	: the : : se r	es Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. e substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires. neasures e equipment and emergency procedures Use personal protective equipment.

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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	For personal protection see section 8. No special handling advice required.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place.
Advice on common storage	:	No special restrictions on storage with other products.
Storage period	:	12 Months
Further information on storage stability	:	No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : For the use of this product do not exist particular recommendations apart from that already indicated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
xylene (mixture of	1330-20-7	TWA	50 ppm	GB EH40
isomers)			220 mg/m3	
Further information			e assigned substances are t	
	there are cond	cerns that dermal ab	sorption will lead to systemic	toxicity.
		STEL	100 ppm	GB EH40
			441 mg/m3	

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Further information	Can be absor	bed through skin. Th	e assigned substances are t	hose for which
	there are con	cerns that dermal ab	sorption will lead to systemic	toxicity.
		TWA	50 ppm	2000/39/EC
			221 mg/m3	
Further information	Identifies the	possibility of significa	ant uptake through the skin, I	ndicative
		STEL	100 ppm	2000/39/EC
			442 mg/m3	
Further information	Identifies the	possibility of signification	ant uptake through the skin, I	ndicative
ethylbenzene	100-41-4	TWA	100 ppm	2000/39/EC
			442 mg/m3	
Further information	Identifies the	possibility of significa	ant uptake through the skin, I	ndicative
		STEL	200 ppm	2000/39/EC
			884 mg/m3	
Further information	Identifies the	possibility of significa	ant uptake through the skin, I	ndicative
		TWA	100 ppm	GB EH40
			441 mg/m3	
Further information	Can be absor	bed through skin. Th	e assigned substances are t	hose for which
	there are con	cerns that dermal ab	sorption will lead to systemic	toxicity.
		STEL	125 ppm	GB EH40
			552 mg/m3	
Further information	Can be absor	bed through skin. Th	e assigned substances are t	hose for which
	there are con	cerns that dermal ab	sorption will lead to systemic	toxicity.
butan-1-ol	71-36-3	STEL	50 ppm	GB EH40
			154 mg/m3	
Further information	Can be absor	bed through skin. Th	e assigned substances are t	hose for which
	there are con	cerns that dermal ab	sorption will lead to systemic	toxicity.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
xylene	Workers	Inhalation	Long-term systemic effects	77 mg/m3
ethylbenzene	Workers	Inhalation	Long-term systemic effects	77 mg/m3
butan-1-ol	Workers	Inhalation	Long-term local effects	310 mg/m3

8.2 Exposure controls

Personal protective equipment

Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit
Respiratory protection	:	No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

: liquid

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Colour	:	colourless
Odour	:	characteristic
рН	:	Not applicable
Melting poin	t/range :	not determined
Flash point	:	26 °C Method: ISO 1523, closed cup Setaflash
Upper explo flammability		not determined
Lower explo flammability	sion limit / Lower : limit	not determined
Vapour pres	sure :	not determined
Density	:	0.92 g/cm3 (20 °C) Method: ISO 2811-1
Solubility(ies Water so		immiscible
Viscosity Viscosity	, kinematic :	> 20.5 mm2/s (40 °C)
9.2 Other inform	ation	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Vapours may form explosive mixture with air. No decomposition if used as directed.
10.4 Conditions to avoid		

Conditions to avoid	:	Heat, flames and sparks.
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10.5 Incompatible materials

Materials to avoid	:	Oxidizing agents
		Strong acids and strong bases

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10.6 Hazardous decomposition products

Carbon monoxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity		
Product: Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: 13.1 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: 1,423 mg/kg Method: Calculation method
Components:		
xylene (mixture of isomers)	:	
Acute oral toxicity	:	LD50 Oral (Rat): 4,300 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): 22.08 mg/l Exposure time: 4 h Test atmosphere: vapour Method: OECD Test Guideline 403
Acute dermal toxicity	:	Acute toxicity estimate: 1,100 mg/kg Method: Converted acute toxicity point estimate
ethylbenzene:		
Acute oral toxicity	:	LD50 Oral (Rat): 3,500 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): 17.4 mg/l Exposure time: 4 h Test atmosphere: gas Method: OECD Test Guideline 403
Acute dermal toxicity	:	LD50 (Rabbit): 15,400 mg/kg Method: OECD Test Guideline 402
butan-1-ol: Acute oral toxicity	:	LD50 Oral (Rat): 790 mg/kg

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			Method: OECD Test Guideline 401
Acute inhal	ation toxicity	:	LC50 (Rat): 24.6 mg/l Exposure time: 4 h Test atmosphere: vapour Method: OECD Test Guideline 403
Acute derm	nal toxicity	:	LD50 (Rabbit): 3,430 mg/kg Method: OECD Test Guideline 402
2,4,6-tris(d	limethylaminom	ethyl)phenol:
Acute oral	-	:	Acute toxicity estimate: 500 mg/kg Method: Converted acute toxicity point estimate
Ethylened	iamine:		
Acute oral	toxicity	:	Acute toxicity estimate: 500 mg/kg Method: Converted acute toxicity point estimate
Acute derm	nal toxicity	:	Acute toxicity estimate: 1,100 mg/kg Method: Converted acute toxicity point estimate
Skin corro	sion/irritation		
<u>Product:</u> Result: Ski	n irritation		
Result: Ski	n irritation /e damage/eye i i	rritati	on
Result: Ski Serious ey <u>Product:</u>			
Result: Ski Serious ey <u>Product:</u> Remarks: (ve damage/eye iı	ye da	mage.
Result: Ski Serious ey <u>Product:</u> Remarks: 0 Respirator <u>Product:</u>	ve damage/eye in Causes serious e ry or skin sensit	ye da i satic	mage.
Result: Ski Serious ey <u>Product:</u> Remarks: C Respirator <u>Product:</u> Remarks: E	ve damage/eye in Causes serious e ry or skin sensit	ye da i satic	mage. on
Result: Ski Serious ey <u>Product:</u> Remarks: C Respirator <u>Product:</u> Remarks: E Germ cell <u>Product:</u>	ve damage/eye in Causes serious eg ry or skin sensit Based on availabl mutagenicity-	ye da i satic	mage. on
Result: Ski Serious ey <u>Product:</u> Remarks: C Respirator <u>Product:</u> Remarks: E Germ cell <u>Product:</u> Germ cell r	ve damage/eye in Causes serious er ry or skin sensit Based on availabl mutagenicity nutagenicity-	ye da isatic e dat	mage. on a, the classification criteria are not met.
Result: Ski Serious ey <u>Product:</u> Remarks: C Respirator <u>Product:</u> Remarks: E Germ cell <u>Product:</u> Germ cell r Assessmer	ve damage/eye in Causes serious er ry or skin sensit Based on availabl mutagenicity nutagenicity-	ye da isatic e dat	mage. on a, the classification criteria are not met.

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Reproductive toxicity

Product:

Reproductive toxicity - : Based on available data, the classification criteria are not met. Assessment

STOT - single exposure

Product:

Remarks: Based on available data, the classification criteria are not met.

STOT - repeated exposure

Product:

Exposure routes: Inhalation Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1.

Aspiration toxicity

Product:

Based on available data, the classification criteria are not met.

Further information

Product:

Remarks: No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

xylene (mixture of isomers): Toxicity to fish	:	LC50 (Fish): 14 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 16 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	EC50 (Algae): > 10 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
ethylbenzene: Toxicity to fish	:	LC50 (Fish): 12 mg/l

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			Exposure time: 96 h Method: OECD Test Guideline 203
	daphnia and other vertebrates	:	EC50 (Daphnia (water flea)): 1.8 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to	algae	:	EC50 (Algae): 33 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
butan-1-o	l:		
Toxicity to	fish	:	LC50 (Fish): 1,376 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
	daphnia and other vertebrates	:	EC50 (Daphnia (water flea)): 1,328 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to	algae	:	EC50 (Algae): 500 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
12.2 Persisten No data av	ce and degradabil i /ailable	ity	
12.3 Bioaccum No data av	nulative potential vailable		
12.4 Mobility i No data av			
12.5 Results o	f PBT and vPvB as	ses	ssment
Product:			
Assessme	nt	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Other adv	verse effects		

13.1 Waste treatment methods

Product

: Offer surplus and non-recyclable solutions to a licensed

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		disposal company.	
Contaminate	d packaging :	Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.	
SECTION 14: T	ransport informa	tion	
14.1 UN number			
IMDG	:	UN 1263	
14.2 UN proper s	hipping name		
ADR	:	PAINT RELATED MATERIAL	
IMDG	:	PAINT RELATED MATERIAL	
14.3 Transport h	azard class(es)		
ADR	:	3	
IMDG	:	3	
14.4 Packing gro	up		
ADR Packing grou Classification Hazard Ident Labels		III F1 30 3	
IMDG Packing grou Labels EmS Code	: q	III 3 F-E, <u>S-E</u>	
14.5 Environmen	tal hazards		
ADR Environmenta	ally hazardous :	no	
IMDG Marine pollut	ant :	no	
14.6 Special pred Not applicabl			
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable for product as supplied.			

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

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P5c		FLAMMABLE LIQUIDS	Quantity 1 5,000 t	Quantity 2 50,000 t	

Other regulations:

The product is classified and labelled in accordance with EC directives or respective national laws.

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Full	text	of	H-Statements
I UII	ICAL	UI.	II-otatemento

H225 H226 H302 H304 H312 H314 H315 H317 H318 H319 H332 H334 H335 H336 H373		 Highly flammable liquid and vapour. Flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure if inhaled.
H412	:	Harmful to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Acute Tox.	:	Acute toxicity
Aquatic Chronic	÷	Chronic aquatic toxicity
Asp. Tox.	÷	Aspiration hazard
Eye Dam. Eye Irrit.	:	Serious eye damage Eye irritation
Flam. Liq.	:	Flammable liquids
Resp. Sens.	÷	Respiratory sensitisation
Skin Corr.	÷	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
2000/39/EC / TWA	:	Limit Value - eight hours

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2000/39/EC / STEL	:	Short term exposure limit
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System: GLP - Good Laboratory Practice: IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information Classification of the mixture: Classification procedure: Flam. Liq. 3 H226 On basis of test data. Acute Tox. 4 H332 Calculation method Acute Tox. 4 H312 Calculation method Skin Irrit. 2 H315 Calculation method Eye Dam. 1 H318 Calculation method STOT SE 3 H335 Calculation method STOT RE 2 H373 Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the

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specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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