

Dis	DisboCOR 870 Comp. B						
Vers 3.0	ion	Revision Date: 11.01.2023		S Number: 21055		Date of last issue: 21.09.2021 Date of first issue: 10.12.2020	
SEC	SECTION 1: Identification of the substance/mixture and of the company/undertaking						
	Product Trade n	identifier ame	: DisboCOR 870 Comp. B				
1.2 F	Relevan	t identified uses of t	he s	ubstance o	or mixtu	re and uses advised against	
		he Sub-	:			ed coating material, solvent-containing	
	Recomi on use	nended restrictions	:	within ade	quate ap	oplication - none	
130	<u>Details (</u>	of the supplier of the	safa	atv data sh	oot		
	Compa		: Disbon GmbH Roßdörfer Straße 50 64372 Ober-Ramstadt				
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		address Responsi- ing person	: msds@dr-rmi.com				
1.4 E	Emerge	ncy telephone					
	-	ncy telephone 1	:	+49613284	4463 GE	3K GmbH	
SEC	CTION 2	2: Hazards identific	catio	on			
2.1 (Classific	cation of the substar	nce c	or mixture			
	Classification (REGULATION (EC) No 1272/2008) Flammable liquids, Category 3 H226: Flammable liquid and vapor.						
	Skin corrosion, Sub-category 1C					Causes severe skin burns and eye damage.	
	Serious	eye damage, Catego	ry 1		H318: (Causes serious eye damage.	
	Skin se	nsitization, Category	1		H317: N	May cause an allergic skin reaction.	
		target organ toxicity Category 3, Central r			H336: N	May cause drowsiness or dizziness.	

system

H335: May cause respiratory irritation.





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	posure,	, Category 3, Respirato	ory system			
	Specific target organ toxicity - repeated exposure, Category 2			H373: May cause damage to organs through pro- longed or repeated exposure.		
	Short-term (acute) aquatic hazard, Cate- gory 1			H400: Very toxic to aquatic life.		
	Long-term (chronic) aquatic hazard, Cat- egory 2			H411: 1	Toxic to aquatic life with long lasting effects.	

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms	
Signal Word	Danger
Hazard Statements	 H226 Flammable liquid and vapor. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects.
Precautionary Statements	 Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapours/ spray. P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:P303 + P361 + P353IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.P304 + P340 + P310IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.P305 + P351 + P338 + P310IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a



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POISON CENTER/ doctor.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391 Collect spillage.

Hazardous ingredients which must be listed on the label:

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified xylene Polyaminoamide Adduct Fatty acids, tall-oil, reaction products with triethylenetetramine 3-aminomethyl-3,5,5-trimethylcyclohexylamine Formaldehyde, oligomeric reaction products with phenol m-phenylenebis(methylamine) 3,6-diazaoctanethylenediamin 3-aminopropyldimethylamine Amines, polyethylenepoly-, triethylenetetramine fraction

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	64742-95-6 265-199-0 649-356-00-4 01-2119455851-35, 01-2119486773-24	STOT SE 3; H336 STOT SE 3; H335 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Flam. Liq. 3; H226 EUH066	>= 30 - < 50



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xylene	e	1330-20-7 215-535-7 601-022-00-9 01-21194882	16-32 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Asp. Tox. 1; H304 STOT RE 2; H373 Aquatic Chronic 3; H412 H412	>= 10 - < 2
Polya	minoamide Adduct	157707-71-6 500-380-2	Eye Dam. 1; H318	>= 10 - < 2
1-met	thoxy-2-propanol	107-98-2 203-539-1 603-064-00-3 01-21194574		>= 1 - < 10
oligon	acids, C18-unsatd., di neric reaction products I fatty acids and triethy nine	mers, 68082-29-1 with 500-191-5	Eye Dam. 1; H318	>= 3 - < 10
	acids, tall-oil, reaction vith triethylenetetramin		Skin Corr. 1C; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 5 - < 10
			M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	
butan	-1-ol	71-36-3 200-751-6 603-004-00-6 01-21194846 01-21200764	30-38, Eye Dam. 1; H318	>= 3 - < 10
benzy	/I alcohol	100-51-6 202-859-9 603-057-00-5 01-21194926		>= 1 - < 10
	inomethyl-3,5,5- hylcyclohexylamine	2855-13-2 220-666-8 612-067-00-9 01-21195146	· · · · · · · · · · · · · · · · · · ·	>= 1 - < 2,



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			specific concentration limit Skin Sens. 1A; H317 >= 0,001 %
			Acute toxicity esti- mate
			Acute oral toxicity: 1.030 mg/kg
	aldehyde, oligomeric read roducts with phenol	- 9003-35-4 500-005-2 01-21207351	Skin Sens. 1; H317 >= 1 - < 2,
m-phe	enylenebis(methylamine)	1477-55-0 216-032-5 01-21194801	Acute Tox. 4; H302 >= 0,25 - < Acute Tox. 4; H332 50-50 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 EUH071
3,6-di	azaoctanethylenediamin	112-24-3 203-950-6 612-059-00-5	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412
salicy	lic acid	69-72-7 200-712-3 607-732-00- 01-21194869 01-21207629	84-17,
3-ami	nopropyldimethylamine	109-55-7 203-680-9 612-061-00-6 01-21194868	· · · · · · · · · · · · · · · · · · ·
	es, polyethylenepoly-, tri- enetetramine fraction	90640-67-8 292-588-2 01-21194879	Acute Tox. 4; H302 >= 0,1 - < 0, Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412

For explanation of abbreviations see section 16.



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SECTION	N 4: First aid meas	ures					
4.1 Descr	iption of first-aid me	easures					
Gene	eral advice		ything by mouth to an unconscious person. vell, seek medical advice (show the label where				

			possible). Move out of dangerous area. First aider needs to protect himself.
If inl	naled	:	Move to fresh air.
In ca	ase of skin contact	:	Do NOT use solvents or thinners. In case of contact, immediately flush skin with soap and plenty of water. Take off all contaminated clothing immediately.
In ca	ase of eye contact	:	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 or doctor/ phy- sician.
lf sv	vallowed	:	Call a physician. Clean mouth with water and drink afterwards plenty of water. If swallowed, DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media						
Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Foam Carbon dioxide (CO2)				





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	Unsuita media	ble extinguishing	:	None known.			
5.2 Special hazards arising from the Specific hazards during fire the standard stand				Cool closed conta	xture niners exposed to fire with water spray. nposition products formed under fire condi-		
5.3 Advice for firefighters Special protective equipment for fire-fighters		:	In the event of fire	e, wear self-contained breathing apparatus.			
	Further	information	:	be disposed of in Standard procedu	contaminated fire extinguishing water must accordance with local regulations. are for chemical fires. and/or explosion do not breathe fumes.		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	 Do not get in eyes, on skin, or on clothing. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure adequate ventilation. Remove all sources of ignition.
6.2 Environmental precaution	IS

Environmental precautions	:	Prevent further leakage or spillage if safe to do so.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.
		Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Keep in suitable, closed containers for disposal.
		Soak up with inert absorbent material (e.g. sand, silica gel,
		acid binder, universal binder, sawdust).

6.4 Reference to other sections

For further information see Section 7 of the safety data sheet. , For personal protection see section 8., For disposal considerations see section 13.





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SECTION 7: Handling and storage

7.1 Precautions for safe handling	g	
Advice on safe handling	:	For personal protection see section 8. Avoid exceeding the given occupational exposure limits (see section 8). Provide sufficient air exchange and/or exhaust in work rooms.
		In addition, the current technical information for this product and its application on www.caparol.com must be observed.
Advice on protection against fire and explosion	:	The product is flammable but not readily ignited.
Hygiene measures	:	Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protec- tive equipment before entering eating areas.
7.2 Conditions for safe storage, i	inc	luding any incompatibilities
Requirements for storage areas and containers	:	Store in original container. Store between 41 and 77 °F in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage class (TRGS 510)	:	3
7.3 Specific end use(s) Specific use(s)	:	This information is not available.

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	1330-20-7	TWA	50 ppm 221 mg/m3	2000/39/EC	
	Further information: Identifies the possibility of significant uptake through the skin, Indicative				
		STEL	100 ppm 442 mg/m3	2000/39/EC	
	Further information: Identifies the possibility of significant uptake through the skin, Indicative				



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			AGW	50 ppm 220 mg/m3	DE TRGS 900		
		Peak-limit cat	egory: 2;(II)				
		Further inforn	nation: Skin absor	ption			
1-meth propan		107-98-2	STEL	150 ppm 568 mg/m3	2000/39/E0		
		Further inforn skin, Indicativ		ne possibility of significant upta	ake through th		
			TWA	100 ppm 375 mg/m3	2000/39/E0		
		Further inforn skin, Indicativ	e	ne possibility of significant upta	Ũ		
			AGW	100 ppm 370 mg/m3	DE TRGS 900		
		Peak-limit category: 2;(I)					
				e is compliance with the OEL a k of harming the unborn child	and biological		
butan-	1-ol	71-36-3	AGW	100 ppm 310 mg/m3	DE TRGS 900		
		Peak-limit cat	egory: 1;(I)				
			ues, there is no ris	e is compliance with the OEL a k of harming the unborn child	and biological		
benzyl	alcohol	100-51-6	AGW (Vapour	5 ppm	DE TRGS		
			and aerosols)	22 mg/m3	900		
		Peak-limit category: 2;(I)					
		Further inforn	nation: Skin absor	ption, When there is complian	ce with the OB		
				, there is no risk of harming th			
oligom	dehyde, eric reaction ts with phe-	9003-35-4	AGW (Inhalable fraction)	10 mg/m3	DE TRGS 900		
		Peak-limit cat					
				e is compliance with the OEL a k of harming the unborn child	and biological		
			AGW (Alveolate fraction)		DE TRGS 900		
		Peak-limit category: 2;(II)					
				e is compliance with the OEL and the off the off the off harming the unborn child	and biological		

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	methylhippuric acid (all isomers): 2.000 mg/l (Urine)	Immediately after exposure or after working hours	TRGS 903
1-methoxy-2-propanol	107-98-2	1-Methoxypropan- 2-ol: 15 mg/l (Urine)	Immediately after exposure or after working hours	TRGS 903



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butan-1-ol		71-36-3	1-butanol: 2 mg/ Creatinine (Urine)	-	Before next shift	TRGS 903
			1-butanol: 10 mg Creatinine (Urine)	g/g	Immediately after exposure or after working hours	TRGS 903
Derived N	o Effect Level	(DNEL) accord	ing to Regulation	(EC)	No. 1907/2006:	
Substance	name E	End Use	Routes of expo- sure	Pot fec	ential health ef- ts	Value
xylene		Consumers Consumers	Inhalation Skin contact	_	ute local effects	174,00 mg/r 108,00 mg/k
		Consumers	Inhalation		ects ute systemic ef-	bw/day 174,00 mg/n
		Consumers	Ingestion		ng-term systemic	1,60 mg/kg
		Consumers	Inhalation	Lor	ects ng-term systemic ects	bw/day 14,80 mg/m3
	N	Workers	Inhalation		ute systemic ef-	289,00 mg/n
	١	Workers	Inhalation	Acı	ute local effects	289,00 mg/n
		Norkers	Inhalation	effe	ng-term systemic ects	77,00 mg/m3
	١	Workers	Skin contact		ng-term systemic ects	180,00 mg/k bw/day
1-methoxy	-2-propanol (Consumers	Inhalation		ng-term systemic ects	43,90 mg/m3
	(Consumers	Skin contact		ng-term systemic ects	78,00 mg/kg bw/day
	(Consumers	Ingestion		ng-term systemic ects	33,00 mg/kg bw/day
	١	Workers	Inhalation	Acu fec	ute systemic ef- ts	553,50 mg/n
	١	Norkers	Inhalation	Acu	ute local effects	553,50 mg/n
		Workers	Inhalation	effe	ng-term systemic	369,00 mg/n
		Workers	Skin contact	effe	ng-term systemic ects	183,00 mg/k bw/day
Fatty acids unsatd., dir gomeric re products w fatty acids lenetetram	mers, oli- action rith tall-oil and triethy-	Consumers	Inhalation		ng-term systemic ects	0,97 mg/m3
	(Consumers	Skin contact		ng-term systemic ects	0,56 mg/kg bw/day
	(Consumers	Ingestion		ng-term systemic ects	0,56 mg/kg bw/day



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		Workers	Skin contact	Long-term systemic effects	1,10 mg/kg bw/day
		Workers	Inhalation	Long-term systemic effects	3,90 mg/m3
butan-1-ol		Consumers	Inhalation	Long-term local ef- fects	55,00 mg/n
		Consumers	Ingestion	Long-term systemic effects	3,13 mg/kg bw/day
		Workers	Inhalation	Long-term local ef- fects	310,00 mg/
benzyl alc	ohol	Consumers	Skin contact	Acute systemic ef- fects	20,00 mg/k bw/day
		Consumers	Ingestion	Long-term systemic effects	4,00 mg/kg bw/day
		Consumers	Inhalation	Long-term systemic effects	5,40 mg/m3
		Consumers	Skin contact	Long-term systemic effects	4,00 mg/kg bw/day
		Consumers	Ingestion	Acute systemic ef- fects	20,00 mg/k bw/day
		Consumers	Inhalation	Acute systemic ef- fects	27,00 mg/m
		Workers	Inhalation	Acute systemic ef- fects	110,00 mg/
		Workers	Inhalation	Long-term systemic effects	22,00 mg/m
		Workers	Skin contact	Acute systemic ef- fects	40,00 mg/k bw/day
		Workers	Skin contact	Long-term systemic effects	8,00 mg/kg bw/day
	ethyl-3,5,5- yclohexyla-	Consumers	Ingestion	Long-term systemic effects	0,53 mg/kg bw/day
		Workers	Inhalation	Acute local effects	0,07 mg/m3
		Workers	Inhalation	Long-term local ef- fects	0,07 mg/m3
m- phe- nylenebis(e)	methylamin	Workers	Inhalation	Long-term systemic effects	1,20 mg/m3
		Workers	Inhalation	Long-term local ef- fects	0,20 mg/m3
		Workers	Skin contact	Long-term systemic effects	0,33 mg/kg bw/day
salicylic ad	cid	Consumers	Inhalation	Long-term systemic effects	4,00 mg/m3
		Consumers	Ingestion	Acute systemic ef- fects	4,00 mg/kg bw/day
		Consumers	Skin contact	Long-term systemic	1,00 mg/kg



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				effects	bw/day
		Consumers	Ingestion	Long-term systemic	1,00 mg/kg
				effects	bw/day
		Workers	Inhalation	Long-term systemic effects	5,00 mg/m
		Workers	Inhalation	Long-term local ef- fects	5,00 mg/m
		Workers	Skin contact	Long-term systemic effects	2,30 mg/kg bw/day
3- amino amino	ppropyldimethyl-	Workers	Inhalation	Acute systemic ef- fects	9,80 mg/m
		Workers	Inhalation	Long-term systemic effects	4,90 mg/m
ylene	es, polyeth- poly-, triethyl- tramine fraction	Consumers	Skin contact	Acute local effects	1,00 mg/cr
		Consumers	Inhalation	Long-term systemic effects	0,29 mg/m
		Consumers	Skin contact	Long-term local ef- fects	0,43 mg/cr
		Consumers	Ingestion	Acute systemic ef- fects	20,00 mg/ł bw/day
		Consumers	Inhalation	Acute systemic ef- fects	1600,00 mg/m3
		Consumers	Skin contact	Acute systemic ef- fects	8,00 mg/kg bw/day
		Consumers	Ingestion	Long-term systemic effects	0,41 mg/kg bw/day
		Consumers	Skin contact	Long-term systemic effects	0,25 mg/kg bw/day
		Workers	Inhalation	Acute systemic ef- fects	5380,00 mg/m3
		Workers	Inhalation	Long-term systemic effects	1,00 mg/m
		Workers	Skin contact	Long-term systemic effects	0,57 mg/kg bw/day
		Workers	Skin contact	Long-term local ef- fects	28,00 µg/c

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
xylene	Fresh water	0,327 mg/l
	Intermittent use/release	0,327 mg/l
	Soil	2,31 mg/kg dry weight (d.w.)
	Fresh water sediment	12,46 mg/kg dry weight (d.w.)
	Sewage treatment plant	6,58 mg/l



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	Coordination	0.007
	Sea water	0,327 mg/l
	Sea sediment	12,46 mg/kg c
		weight (d.w.)
1-methoxy-2-propanol	Fresh water sediment	52,3 mg/kg dr
		weight (d.w.)
	Intermittent use/release	100 mg/l
	Fresh water	10 mg/l
	Sea water	1 mg/l
	Sewage treatment plant	100 mg/l
	Sea sediment	5,2 mg/kg dry
		weight (d.w.)
	Soil	4,59 mg/kg dr
		weight (d.w.)
Fatty acids, C18-unsatd., dimers,	Sea sediment	43,4 mg/kg dr
oligomeric reaction products with tall-oil fatty acids and triethylene- tetramine		weight (d.w.)
	Sea water	0,000434 mg/
	Fresh water	0,00434 mg/l
	Intermittent use/release	0,0434 mg/l
	Soil	86,78 mg/kg c
		weight (d.w.)
	Fresh water sediment	434,02 mg/kg
		weight (d.w.)
	Sewage treatment plant	3,84 mg/l
butan-1-ol	Sewage treatment plant	2476 mg/l
	Fresh water	0,082 mg/l
	Intermittent use/release	2,25 mg/l
	Fresh water sediment	0,178 mg/kg c
		weight (d.w.)
	Sea water	0,0082 mg/l
	Sea sediment	0,0178 mg/kg
		weight (d.w.)
	Soil	0,015 mg/kg c
		weight (d.w.)
benzyl alcohol	Sewage treatment plant	39 mg/l
*	Fresh water	1 mg/l
	Sea sediment	0,527 mg/kg c
		weight (d.w.)
	Sea water	0,1 mg/l
	Fresh water sediment	5,27 mg/kg dr
		weight (d.w.)
	Soil	0,456 mg/kg c
		weight (d.w.)
	Intermittent use/release	2,3 mg/l
3-aminomethyl-3,5,5-	Sea sediment	0,578 mg/kg c
trimethylcyclohexylamine		weight (d.w.)
	Fresh water sediment	5,784 mg/kg c
		weight (d.w.)



	Fresh water	0,06 mg/l
	Sewage treatment plant	3,18 mg/l
	Sea water	0,006 mg/l
	Soil	1,121 mg/kg o
		weight (d.w.)
	Intermittent use/release	0,23 mg/l
m-phenylenebis(methylamine)	Soil	0,045 mg/kg o
		weight (d.w.)
	Sewage treatment plant	10 mg/l
	Sea sediment	0,043 mg/kg o weight (d.w.)
	Fresh water sediment	0,43 mg/kg dr
		weight (d.w.)
	Fresh water	0,094 mg/l
	Intermittent use/release	0,152 mg/l
	Sea water	0,0094 mg/l
salicylic acid	Sea water	0,02 mg/l
	Intermittent use/release	1 mg/l
	Sewage treatment plant	162 mg/l
	Soil	0,166 mg/kg c
		weight (d.w.)
	Fresh water sediment	1,42 mg/kg dr
		weight (d.w.)
	Sea sediment	0,142 mg/kg c
		weight (d.w.)
	Fresh water	0,2 mg/l
3-aminopropyldimethylamine	Fresh water	0,034 mg/l
	Sea sediment	0,0221 mg/kg weight (d.w.)
	Sea water	0,0034 mg/l
	Sewage treatment plant	69,5 mg/l
	Intermittent use/release	0,34 mg/l
	Fresh water sediment	0,221 mg/kg c
		weight (d.w.)
	Soil	0,0242 mg/kg
		weight (d.w.)
Amines, polyethylenepoly-, tri-	Soil	19,1 mg/kg dr
ethylenetetramine fraction		weight (d.w.)
	Intermittent use/release	200 µg/l
	Sea sediment	19,2 mg/kg dr weight (d.w.)
	Sewage treatment plant	4,25 mg/l
	Fresh water	190 µg/l
	Secondary Poisoning	0,18 mg/kg fo
	Fresh water sediment	95,9 mg/kg dr
		weight (d.w.)



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8.2 Exposi	ure controls					
Perso	nal protective equipm	ent				
Eye/fa	ce protection	:	DGUV Regulation	112-192 - Use of eye and face protection		
			Tightly fitting safe	ty goggles		
Ma Glo Pro	protection terial ove thickness otective index earing time	:	butyl-rubber 0,2 mm Class 3 30 min			
Re	marks	:	cation of degradat moving gloves cle ble gloves tested	discarded and replaced if there is any indi- tion or chemical breakthrough. Before re- an them with soap and water. Wear suita- to EN374. 112-195 - Use of protective gloves		
Skin a	nd body protection	:	contaminated clot Additional body ga task being perform	arments should be used based upon the ned (e.g., sleevelets, apron, gauntlets, dis- avoid exposed skin surfaces.		
				ection according to the amount and con- langerous substance at the work place.		
			Skin should be wa	ashed after contact.		
Respir	atory protection	:	used under condit	or brushing: This product should not be ions of poor ventilation unless a protective ropriate gas filter (i.e. type A1 according to 37) is used.		
			DGUV Regulation	112-190 - Use of breathing equipment		
				ication: Do not breathe spray dust. Use n filter for paint spraying.		

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid



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	Color		:	No data available	e
	Odor		:	No data available	9
	Odor T	hreshold	:	Not relevant	
	Melting	point/freezing point	:	not determined	
	Boiling	point/boiling range	:	not determined	
		explosion limit / Upper ability limit	:	not determined	
		explosion limit / Lower ability limit	:	not determined	
	Flash p	point	:	33 °C	
	Autoig	nition temperature	:	not determined	
	Decom	position temperature	:	Not applicable	
	рН		:	6,95 Concentration: 1	0 %
	Viscos Visc	ity cosity, dynamic	:	No data available	9
	Viso	cosity, kinematic	:	> 20,5 mm2/s (4	0 °C)
	Solubil Wa	ity(ies) ter solubility	:	partly miscible	
	Partitio octano	n coefficient: n- I/water	:	not determined	
	Vapor	pressure	:	not determined	
	Relativ	e density	:	not determined	
	Density	y	:	0,93 g/cm3	
	Relativ	e vapor density	:	Heavier than air.	
9.2	Other in Explos	nformation ives	:	Not applicable	
	Oxidizi	ng properties	:	Not applicable	



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Flam	mability (liquids)	: Sustains con	nbustion
Evap	oration rate	: Not applicab	le
SECTION	N 10: Stability and I	eactivity	
10.1 Read	ctivity		
No de	ecomposition if stored	and applied as direct	ted.
10.2 Cher	nical stability		
No de	ecomposition if stored	and applied as direct	ted.
10.3 Poss	sibility of hazardous i	reactions	
Haza	rdous reactions		form explosive mixture with air. lecomposition products formed under fire condi-
10.4 Cond	ditions to avoid		
Cond	litions to avoid	: Protect from	frost, heat and sunlight.
10.5 Inco	mpatible materials		
Mate	rials to avoid	: Incompatible Incompatible	e with acids. e with oxidizing agents.
10.6 Haza	ardous decompositio	n products	

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Addie toxicity					
Not classified based on available information.					
Product:					
Acute oral toxicity	: Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method				
Acute inhalation toxicity	: Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method				
Acute dermal toxicity	: Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method				



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Con	nponents:				
xyle	ene:				
Acu	te oral toxicity	:	LD50 (Rat): 4.300) mg/kg	
Acu	te inhalation toxicity	:	LC50 (Rat): 27,5 Exposure time: 4 Test atmosphere:	h	
Acu	te dermal toxicity	:	LD50 (Rabbit): >	2.000 mg/kg	
buta	an-1-ol:				
Acu	te oral toxicity	:	LD50 (Rat): 790 r	ng/kg	
Acu	te dermal toxicity	:	LD50 (Rabbit): 3.	430 mg/kg	
ben	zyl alcohol:				
Acu	te oral toxicity	:	LD50 (Rat, male	and female): 1.230 mg/kg	
3-ar	ninomethyl-3,5,5-trimet	hylc	yclohexylamine:		
Acu	te oral toxicity	:		mate: 1.030 mg/kg xicity estimate according to Regulation (EC)	
Acu	te dermal toxicity	:	LD50 (Rabbit): 1.	840 mg/kg	
m-p	henylenebis(methylam	ine):			
Acu	te oral toxicity	:	LD50 (Rat): 930 r	ng/kg	
Acu	te dermal toxicity	:	LD50 (Rabbit): 3.	100 mg/kg	
3,6-	diazaoctanethylenediar	min:			
-	te dermal toxicity	:	LD50 (Rabbit): 1.	465 mg/kg	
sali	cylic acid:				
	te oral toxicity	:	LD50 (Rat): 891 r	ng/kg	
Acu	te dermal toxicity	:	LD50 (Rat): > 2.0	00 mg/kg	
3-ar	ninopropyldimethylami	ine:			
Acu	te dermal toxicity	:	LD50 (Rat): 1.100) mg/kg	
Ami	nes, polyethylenepoly-	, trie	ethylenetetramine	fraction:	
Acu	te oral toxicity	:	LD50 (Rat, male	and female): 1.716 mg/kg	



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Acute	e dermal toxicity	: LD50 (Ral	bbit, male and female): 1.465 mg/kg
Skin	corrosion/irritation		
Caus	es severe burns.		
	ous eye damage/eye		
Caus	es serious eye dama	ge.	
Com	ponents:		
benz	yl alcohol:		
Spec		: Rabbit	
Asse	ssment	: Irritating to) eyes.
Resp	iratory or skin sensi	tization	
Skin	sensitization		
Mayo	cause an allergic skin	reaction.	
	iratory sensitization		
Not c	lassified based on ava	ailable information	
	n cell mutagenicity		
	lassified based on av	ailable information	
	inogenicity	ailable information	
	lassified based on av		
-	oductive toxicity lassified based on ava	ailable information	
	Γ-single exposure		
	cause respiratory irrita	ation.	
May	cause drowsiness or o	dizziness.	
STO	F -repeated exposure	,	
Mayo	cause damage to orga	ans through prolor	ged or repeated exposure.
	ration toxicity		
	lassified based on av		
1.2 Infor	mation on other haz	ards	
Endo	crine disrupting pro	perties	
Prod	uct:		
	ssment	ered to ha REACH A	ance/mixture does not contain components consid- ve endocrine disrupting properties according to rticle 57(f) or Commission Delegated regulation /2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.



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SECTION 12: Ecological information

12.1 Toxicity

Components:

Fatty acids, tall-oil, reaction products with triethylenetetramine:

M-Factor (Acute aquatic tox- : 10 icity)

M-Factor (Chronic aquatic : 1 toxicity)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: 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 Endocrine disrupting properties

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Product:
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Assessment : The substance/mixture does not contain components consid-
ered to have endocrine disrupting properties according to
REACH Article 57(f) or Commission Delegated regulation
(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at
levels of 0.1% or higher.
```

12.7 Other adverse effects

Product:

Additional ecological infor-	:	Very toxic to aquatic organisms, may cause long-term adverse
mation		effects in the aquatic environment.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods		
Product	:	Uncured product residues and unpurified packaging should be disposed of as hazardous waste. Material residues: Allow the basic substance to harden with hardener and dispose of as paint waste. Waste should not be disposed of via wastewater.
Contaminated packaging	:	Only completely emptied containers should be given for recy- cling.
Waste Code	:	used product 080111*, waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

14.1 UN	number	or ID	number
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: UN 2924
: UN 2924
ame
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified, Fatty acids, tall-oil, reaction products with triethylenetetramine)
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified, Fatty acids, tall-oil, reaction products with triethylenetetramine)
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified, Fatty acids, tall-oil, reaction products with triethylenetetramine)
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified, Fatty acids, tall-oil, reaction products with triethylenetetramine)



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ΙΑΤΑ		:	(Solvent naphth	d, corrosive, n.o.s. a (petroleum), light arom.; Low boiling p cified, Fatty acids, tall-oil, reaction prod etramine)	
14.3 Trans	port hazard class(es)				
			Class	Subsidiary risks	
ADN		:	3	8	
ADR		:	3	8	
RID		:	3	8	
IMDG		:	3	8	
ΙΑΤΑ		:	3	8	
14.4 Packi	ng group				
Classi	ng group fication Code d Identification Number	:	III FC 38 3 (8)		
Packir Classi Hazar Labels	ng group fication Code d Identification Number s I restriction code	: :	III FC 38 3 (8) (D/E)		
Classi	ng group fication Code d Identification Number	:	III FC 38 3 (8)		
IMDG Packir Labels EmS (III 3 (8) F-E, S-C		
Packir aircraf Packir	ng instruction (LQ) ng group	:	365 Y342 III Flammable Liqu	iids, Corrosive	
	5	:	354		



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Packing group Labels 14.5 Environmental hazards		: III : Flammable Lic	uids, Corrosive
ADN Enviro	nmentally hazardous	: yes	
ADR Enviro	nmentally hazardous	: yes	
RID Enviro	nmentally hazardous	: yes	
IMDG Marine	e pollutant	: yes	

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	
REACH - Candidate List of Substances of Very High : Concern for Authorization (Article 59).	This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener- ated.
Regulation (EC) No 1005/2009 on substances that de- : plete the ozone layer	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- : tants (recast)	Not applicable
REACH - List of substances subject to authorisation : (Annex XIV)	None



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Seveso III: Directive 2012/18/EU of the Euro- pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.		P5c	FLAMMABLE LIQUIDS			
			E1	ENVIRONMENTAL HAZARDS		
			34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar proper- ties as regards flammability and environmental hazards as the products referred to in points (a) to (d)		
Wate ny)	r hazard class (Germa-			endangering ding to AwSV, Annex 1 (5.2)		
		: RE50 Epoxy	y resin pi	roducts, sensitising, low in solvents		
Volat	ile organic compounds	: Directive 20 < 71 % < 660 g/l	04/42/E0	C		

Other regulations:

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

H226	:	Flammable liquid and vapor.
H302	:	Harmful if swallowed.



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H304 H312 H314 H315 H317 H318 H319 H332 H335 H336 H361d H373 H400 H410 H410 H411 H412 EUH06	6		Harmful in contact Causes severe sk Causes skin irritat May cause an alle Causes serious ey Causes serious ey Harmful if inhaled. May cause respira May cause drowsi Suspected of dam May cause damage exposure. Very toxic to aqua Very toxic to aqua Toxic to aquatic lif Harmful to aquatic	in burns and eye damage. ion. rgic skin reaction. /e damage. /e irritation. ness or dizziness. aging the unborn child. je to organs through prolonged or repeated	
EUH08		:	Corrosive to the respiratory tract.		
Full tex	ct of other abbreviat	ions			
Asp. To Eye Da Eye Irri Flam. L Repr. Skin Co Skin Irr Skin Se STOT F STOT S 2000/35	Acute Chronic bx. m. t. iq. orr. it. ens. RE SE 9/EC		Specific target org Europe. Commiss list of indicative oc	c) aquatic hazard ge bity an toxicity - repeated exposure an toxicity - single exposure ion Directive 2000/39/EC establishing a first coupational exposure limit values	
2000/39		:	Germany. TRGS 9 TRGS 903 - Biolog Limit Value - eight Short term exposu Time Weighted Av	hours ire limit	

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AlIC - Australian Inventory of Industrial Chemicals; 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% orgowns; theransport Association; IBC - International Cde for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISC - International Maritime Organization; ISC - International Maritime Organization; ISH - Industrial Safe of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for Plexition to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Covention 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 Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Of-



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fice 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; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals 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

Other information:

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

Sources of key data used to compile the Material Safety Data Sheet:

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH NIOSH - Registry of toxic effects of chemical substances

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

Classification of the mixe	ure:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
Skin Corr. 1C	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H336	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 2	H373	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 2	H411	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 specific



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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.

REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments. Regarding to the REACH regulation we would like to point out that DAW as a downstream user

will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

DE / EN