Substance number: 11403

Version: 2.0 / EN Replaces Version: 1.0 / EN Date revised 09.12.2022 Print date: 12.12.2022

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

1.1. Product identifier

Hardener S for cds-Mortar 0-1 FB

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

coating material

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

cds Polymere GmbH & Co. KG Gau-Bickelheimer Str. 72 55576 Sprendlingen/Rhh. Telephone no. +49(6701) 9350-0 Fax no. +49(6701) 9350-50

1.4. Emergency telephone number

cds-Labor / Tel. +49 (67 01) 93 50-28 (This number is reachable monday to friday from 8 am to 5 pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302
Skin Corr. 1	H314
Eye Dam. 1	H318
Skin Sens. 1	H317
Aquatic Chronic 3	H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Ha

lazard statements	
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.
Precautionary statem	ients

P261

Ρ

Avoid breathing dust/fume/gas/mist/vapours/spray.

		10 190	7/2006		C ds
ade name: Hardener S for					
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P273 P280 P304+P340 P305+P351+P338 P310	Avoid release to the envi Wear protective gloves/p IF INHALED: Remove pe IF IN EYES: Rinse caution lenses, if present and ea Immediately call a POIS	protective erson to ously with sy to do	e clothin fresh ai h water . Contin	r and keep co for several m ue rinsing.	omfortable for breathing.
•	ent(s) to be indicated or			. ,	2
contains	Benzylalcohol; 3-Aminor	nethyl-3	,5,5-trim	ethylcyclohe	kylamin; Benzyldimethylamin
2.3. Other hazards No special hazards I	have to be mentioned.				
ECTION 3: Compo		<u>on in</u>	gredie	<u>ents</u>	
Hazardous ingredie					
CAS No. EINECS no. Registration no. Concentration	-trimethylcyclohexylamin 2855-13-2 220-666-8 01-2119514687-32-XXX >= 25 lation (EC) No. 1272/2008) Acute Tox. 4 Skin Corr. 1B Eye Dam. 1 Skin Sens. 1A	X < H302 H314 H318 H317	50	%	
Benzylalcohol CAS No. EINECS no. Registration no. Concentration Classification (Regu	100-51-6 202-859-9 01-2119492630-38-XXX >= 25 lation (EC) No. 1272/2008) Acute Tox. 4 Acute Tox. 4	X < H302 H332	50	%	
Benzyldimethylamin CAS No. EINECS no. Registration no. Concentration Classification (Regu	103-83-3 203-149-1 01-2119529232-48-XXX >= 3 lation (EC) No. 1272/2008) Flam. Liq. 3 Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Corr. 1B Aquatic Chronic 3	X H226 H302 H312 H332 H314 H412	5	%	

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.



		• cas
Trade name: Hardener S for cds-Mort	ar 0-1 FB	
	Version: 2.0 / EN	Date revised 09.12.2022
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After inhalation		
Ensure supply of fresh air. R	emove affected person from danger area. Seel	k medical advice immediately.
After skin contact		
Wash off immediately with so	pap and water. Seek medical advice immediate	ly.
After eye contact		
Separate eyelids, wash the e	eyes thoroughly with water (15 min.). Take med	lical treatment.
After ingestion		
	ely and show him the Safety Data Sheet. Rinse in small gulps. Do not induce vomiting.	mouth thoroughly with water.
Adhere to personal protect First aider: Pay attention to s	ive measures when giving first aid elf-protection!	
4.2. Most important symptom Until now no symptoms know	ns and effects, both acute and delaye	ed
	ate medical attention and special tre	atmont noodod
	-	
Hints for the physician / ha		
chemical pneumonia or asph	h subsequent vomiting, aspiration of the lungs	can occur which can lead to
	,	
SECTION 5: Firefighting n	neasures	
5.1. Extinguishing media		
Suitable extinguishing med	lia	
Dry powder		
Non suitable extinguishing	media	
Full water jet		
	rom the substance or mixture ion of dangerous gases possible.	
5.3. Advice for firefighters		
Special protective equipme	ent for fire-fighting	
	or combustion gases. In case of combustion us	se a suitable breathing
apparatus. Wear full protectiv		
Other information		
Collect contaminated fire-fight	nting water separately, must not be discharged	into the drains. Fire residues
	g water must be disposed of in accordance with	
SECTION 6: Accidental re	lease measures	
Use breathing apparatus if ex	otective equipment and emergency xposed to vapours/dust/aerosol. Avoid contact is listed in Sections 7 and 8.	
	xposed to vapours/dust/aerosol. Avoid contact	

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up



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Pick up with absorbent material. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 8A

Combustible corrosive hazardous substances

Further information on storage conditions

Do not keep at temperatures above 20 °C.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Benzyl alcohol

Denzyraioonol			
List	TRGS 900		
Туре	AGW		
Value	22 mg/m ³	5	ppm(V)
Maximum limit value: 2(I);	Skin resorption / sensibil	isation: H; Pregnan	cy group: Y; Status:
07.06.2018; Remarks: DF	G, H, Y, 11	_	
Other information			
Contains no substances w	th occupational exposure	limit values.	
Derived No/Minimal Effec	t Levels (DNEL/DMEL))	
Benzylalcohol			
Reference substance	Benzylalcohol		
Type of value	Derived No Effect L	evel (DNEL)	
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	dermal		
Mode of action	Systemic effects		
Concentration	8		mg/kg

Type of value Reference group Duration of exposure Derived No Effect Level (DNEL)

Worker

Long term

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trada nama, Hardanar S far ada Ma	ortor 0.1 EP	₹٨
Trade name: Hardener S for cds-Mo Substance number: 11403	Version: 2.0 / EN Replaces Version: 1.0 / EN	Date revised 09.12.20 Print date: 12.12.20
Substance number. 11403	Replaces version. 1.07 EN	F1111 date: 12.12.20
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	22	mg/m³
		5
	Benzylalcohol	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	110	mg/m³
		0
	Benzylalcohol	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	40	mg/kg
		3-3
3-Aminomethyl-3,5,5-trime	thvlcvclohexvlamin	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Route of exposure	inhalative	
Concentration	0,073	mg/m³
Predicted No Effect Conc	entration (PNEC)	
Benzylalcohol		
Type of value	PNEC	
Туре	Water	
Concentration	1	mg/l
Type of value	PNEC	
Туре	Water (intermittent release)	
Concentration	2,31	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,1	mg/l
Type of value	PNEC	
Type Concentration	Sewage treatment plant (STP)	mal
Concentration	39	mg/l
	Benzylalcohol	
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	5,27	mg/kg
Consentration	0,27	
	Benzylalcohol	
Type of value	PNEC	
Type	Marine sediment	
Concentration	0,527	mg/kg
	0,021	····ə
	Benzylalcohol	
Type of value	PNEĆ	
<i></i>		

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: Hardener S for cds-M	Nortar 0-1 FB	
	Version: 2.0 / EN	Date revised 09.12.2022
Substance number: 11403	Replaces Version: 1.0 / EN	Print date: 12.12.2022
Туре	Soil	
Concentration	0,456	mg/kg
3-Aminomethyl-3,5,5-trim	ethylcyclohexylamin	
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,06	mg/l
Type of value	PNEC	
Туре	Marine	
Concentration	0,006	mg/l

8.2. Exposure controls

General protective and hygiene measures

Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Chemical resistant gloves Appropriate Material neoprene

Eye protection

Safety glasses with side protection shield; Face shield

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid		
Odour threshold			
Remarks	not determined		
pH value			
Remarks	not determined		
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Initial boiling point and	boiling range		
Value	200		
Pressure	1013	hPa	
Flash point			
Value	100		
Evaporation rate (ether	= 1) :		
Remarks	not determined		
Flammability (solid, gas	5)		
not determined	-		

rade name: Hardener S for cds-Mor	tar 0-1 FB			4
	Version: 2	2.0 / EN		Date revised 09.12.202
ubstance number: 11403	Replaces	Version: 1.0 / I	EN	Print date: 12.12.202
Upper/lower flammability of Remarks	or explosive limits not determined			
Vapour pressure Remarks	not determined			
Vapour density				
Remarks	not determined			
Density Value Temperature	1,02 23	°C	g/cm³	
Solubility in water				
Remarks	not determined			
Solubility(ies)				
Remarks	not determined			
Partition coefficient: n-oct	anol/water			
Remarks	not determined			
Ignition temperature				
Remarks	not determined			
Decomposition temperatu	re			
Remarks	not determined			
Viscosity				
dynamic Value Temperature	25 25	°C	mPa.s	
Explosive properties	20	U U		
evaluation	not determined			
Oxidising properties Remarks	not determined			
9.2. Other information				
Other information None known				
SECTION 10: Stability an	d roactivity			

No hazardous reactions known.

10.3. Possibility of hazardous reactions No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials None known

10.6. Hazardous decomposition products Toxic gases/vapours, Irritant gases/vapours

Safety data sheet in accordance	with regu	liation (EC) NO 1907/2	2006	•cds
rade name: Hardener S for cds-M	lortar 0-1 F	₽В			
		Versio	n: 2.0/EN		Date revised 09.12.2
Substance number: 11403		Replac	ces Version:	1.0 / EN	Print date: 12.12.2
SECTION 11: Toxicolog	ical inf	ormatio	<u>on</u>		
11.1. Information on toxico	logical	effects			
Acute oral toxicity					
ATE		1.163,36	6	mg/kg	
Method	calcul	45 ated value	(Regulation	(EC) No. 1272/200	18)
Remarks			n criteria are		(0)
Acute oral toxicity (Com					
	pononico,				
Benzylalcohol Species	mour	2			
LD50	mouse	- 1040		mg/kg	
Benzylalcohol					
Species	rat				
LD50		1620		mg/kg	
3-Aminomethyl-3,5,5-trime	ethylcvclo		n	0.0	
Species	rat				
LD50		1030		mg/kg	
Acute dermal toxicity					
ATE	>	10.000		mg/kg	
Method	calcul	ated value	(Regulation	(EC) No. 1272/200	98)
Remarks	Based	l on availa	ble data, the	classification criter	ia are not met.
Acute dermal toxicity (Co	omponer	nts)			
Benzylalcohol					
Species	rabbit				
LD50	>	2000		mg/kg	
3-Aminomethyl-3,5,5-trime	ethylcyclo	hexylami	n		
Species		male/fema			
LD50	>	2000		mg/kg	
Acute inhalational toxicit	ty				
ATE		21,5729		mg/l	
Administration/Form	Vapor	S		-	
Method	calcul		(Regulation	(EC) No. 1272/200	08)
ATE Administration/Form	Dust/	6,9751		mg/l	
Administration/Form Method			(Regulation	(EC) No. 1272/200	18)
Remarks				classification criter	
Acute inhalative toxicity					
-	(
Benzylalcohol Reference substance	Ronz	lalcohol			
Species	rat				
LC50	>	4,178		mg/l	
Duration of exposure		4	h	5	
Administration/Form Method	Dust/I OECE				
3-Aminomethyl-3,5,5-trime			n		
Species	rat	,			
LC50	>	5,01		mg/l	
Duration of exposure	_	4	h		
Administration/Form	Dust/I	vlist			
Skin corrosion/irritation					

Safety data sheet in accordance	ce with regulation (EC) No 1907/2006	çds
Trade name: Hardener S for cds	-Mortar 0-1 FB	V .
	Version: 2.0 / EN	Date revised 09.12.202
Substance number: 11403	Replaces Version: 1.0 / EN	Print date: 12.12.202
evaluation Remarks	corrosive The classification criteria are met.	
Skin corrosion/irritatio	on (Components)	
3-Aminomethyl-3,5,5-tri evaluation	methylcyclohexylamin strongly corrosive	
Serious eye damage/ir	ritation	
evaluation	corrosive	
Remarks	The classification criteria are met.	
Serious eye damage/ir	ritation (Components)	
3-Aminomethyl-3,5,5-tri evaluation	methylcyclohexylamin corrosive	
Sensitization		
evaluation Remarks	May cause sensitization by skin contact. The classification criteria are met.	
Subacute, subchronic,		
Remarks	not determined	
Mutagenicity		
Remarks	Based on available data, the classification crit	teria are not met.
Reproductive toxicity		
Remarks	Based on available data, the classification crit	teria are not met.
Carcinogenicity		
Remarks	Based on available data, the classification crit	teria are not met.
Specific Target Organ	Toxicity (STOT)	
Single exposure Remarks	Based on available data, the classification crit	teria are not met.
Repeated exposure Remarks	Based on available data, the classification crit	teria are not met.
Aspiration hazard Based on available data	a, the classification criteria are not met.	
Experience in practice		
	rritation of the respiratory tract.	
Other information	· · ·	
No toxicological data ar	re available.	
ECTION 12: Ecologic	cal information	
12.1. Toxicity		
General information		
not determined		
Fish toxicity (Compone	ents)	
Benzylalcohol		
Species	Fathead minnow (Pimephales promelas)	
LC50 Duration of exposure	460 mg/l 96 h	
Benzylalcohol		
Species	golden orfe (Leuciscus idus)	
LC50 Duration of exposure	645 mg/l 96 h	
	96 h	

Trade name: Hardener S for cds-Mortar 0-1 FB Version: 2.0 / EN Date revised Substance number: 11403 Version: 2.0 / EN Date revised Print date 3-Aminomethyl-3,5-trimethylcyclohexylamin Species golden offe (Leuciscus idus) LC50 110 mg/l Duration of exposure 96 h Method OECD 203 Daphnia toxicity (Components) Benzylatochol Species Daphnia magna EC50 230 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylatochol Species Daphnia magna EC50 230 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylatochol Species Pseudokirchneriella subcapitata IC50 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus ED50 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 Scenedesmus subspicatus EDC50 Species Pseudomonas putida EC50 390 mg/l Duration of exposure 16 h Benzylatochol Species Pseudomonas putida EC50 390 mg/l Duration of exposure 16 h Benzylatochol Species Pseudomonas putida EC10 120 mg/l Duration of exposure 18 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Pseudomonas putida EC50 390 mg/l Duration of exposure 18 h 12.2. Persistence and degradability General information not determined 12.3. Bioaccumulative potential General information not determined Partition coefficient: n-octanol/water Remarks not determined	ds
Substance number: 11403 Replaces Version: 1.0 / EN Print date 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species golden offe (Leuciscus idus) LCS0 LCS0 110 mg/l Duration of exposure 96 h Method OECD 203 Daphnia magna ECS0 230 mg/l ECS0 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Daphnia magna ECS0 23 mg/l ECS0 23 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Daphnia magna ECS0 ECS0 23 mg/l Duration of exposure 72 Algae toxicity (Components) Benzylalcohol Species Species Species Pseudomonas putida EC50 37 mg/l Duration of exposure 72 h Bacteria toxicity (Components) Benzylalcohol Species Pseudomonas putida EC50 390 mg/l Loration of exposure 72 h Bacteria toxicity (Components) Benzylalcohol Species Pseudomonas putida EC50 390 mg/l Loration	
3-Aminomethyl-3,5,5-trimethylcyclohexylamin glden orfe (Leuciscus idus) LC50 110 mg/l Duration of exposure 96 h Method OECD 203 Daphnia toxicity (Components) Benzylaicohol 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin species Daphnia magna EC50 23 mg/l Duration of exposure 48 h Adgae toxicity (Components) Benzylalcohol mg/l Species Daphnia magna EC50 mg/l LC50 770 mg/l mg/l Duration of exposure 72 h mg/l Species Species Species mg/l Duration of exposure 72 n mg/l Duration of exposure 72 h mg/l Benzylalcohol Species Pseudomonas putida EC50 37 mg/l Buration of exposure 12 h mg/l mg/l mg/l Duration of exposure 16 h <td< th=""><th>109.12.2022</th></td<>	109.12.2022
Species Daphnia magna ECSO 110 mg/l Method OECD 203 Daphnia toxicity (Components) Benzylaicohol Species Daphnia magna ECSO 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Daphnia magna ECSO 23 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylaicohol Species Pseudokirchneriella subcapitata ICSO 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 370 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Pseudomonas putida EC10 5 688 mg/l Duration of exposure 16 h Benzylaicohol Species Pseudomonas putida EC10 1120 mg/l Duration of exposure 18 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Pseudomonas putida EC10 1120 mg/l Duration of exposure 18 h	: 12.12.2022
Species Dephoton of exposure 96 h Method OECD 203 Duration of exposure 96 h Method OECD 203 Daphnia toxicity (Components) Benzylalcohol Species Daphnia magna ECSO 230 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylalcohol Species Daphnia magna ECSO 230 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylalcohol Species Pseudokirchneriella subcapitata ICSO 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h Benzylalcohol Species Pseudomonas putida EC10 5 65 9 Species Pseudomonas putida EC10 5 65 9 Species Pseudomonas putida EC10 18 6 Benzylalcohol Species Pseudomonas putida EC10 1120 mg/l Duration of exposure 18 h 12.2. Persistence and degradability General information not determined Partition coefficient: n-octanol/water Remarks not determined	
LC50 110 mg/l Duration of exposure 96 h Method 0ECD 203 Daphnia toxicity (Components) Benzylalcohol Species Daphnia magna EC50 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Daphnia magna EC50 23 mg/l Duration of exposure 48 h Method 0ECD 202 Algae toxicity (Components) Benzylalcohol Species Pseudokirchneriella subcapitata IC50 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EDC50 377 mg/l Duration of exposure 72 h Bacteria toxicity (Components) Benzylalcohol Species Scenedesmus subspicatus EDC50 377 mg/l Duration of exposure 72 h Bacteria toxicity (Components) Benzylalcohol Species Scenedesmus subspicatus EDC50 37 mg/l Duration of exposure 72 h Bacteria toxicity (Components) Benzylalcohol Species Species 9 Spec	
Method OECD 203 Dephnia toxicity (Components) Benzylalcohol 230 mg/l Species Daphnia magna ECS 0 230 mg/l Duration of exposure 48 h mg/l Duration of exposure 72 h mg/l Duration of exposure 72 h mg/l Duration of exposure 72 h mg/l Species Scenedesmus subspicatus mg/l Species Scenedesmus subspicatus mg/l Duration of exposure 72 h Bacteria toxicity (Components) mg/l mg/l Benzylalcohol 37 mg/l Species Secudomonas putida mg/l EC10 2 658 mg/l Duration of exposure 16 h Benzylalcohol secies mg/l Duration of exposure 1120 mg/l Duration of exposure 18 h <	
Daphnia toxicity (Components) Species Daphnia magna EC 50 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclobhexylamin mg/l Benzylaiconol 23 mg/l Duration of exposure 48 h Constraintion of exposure 48 h Benzylaiconol 23 mg/l Duration of exposure 48 h Duration of exposure 48 h Method OECD 202 mg/l Algae toxicity (Components) mg/l mg/l Species Pseudokirchneriella subcapitata mg/l LCS0 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin species Species Species Scenedesmus subspicatus mg/l EbCS0 37 mg/l Duration of exposure 72 h Species Pseudomonas putida mg/l EC50 390 mg/l Duration of exposure 16 h <t< td=""><td></td></t<>	
Benzylaicohol Species Daphnia magna EC50 230 mg/l Duration of exposure 48 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin gecies Daphnia magna EC50 23 mg/l Duration of exposure 48 h Method OECD 202 Algae toxicity (Components) Benzylalcohol Species Pseudokirchneriella subcapitata IC50 770 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Scenedesmus subspicatus EbC50 37 mg/l Duration of exposure 72 h 3-Aminomethyl-3,5,5-trimethylcyclohexylamin Species Species Species Pseudomonas putida EC10 sectoria EC50 390 mg/l Duration of exposure 16 Species Pseudomonas putida EC50 390 mg/l Duration of exposure 16 h mg/l Duration of exposure 18 h Species Pseudomonas put	
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Remarks not determined	
Octanol/water partition coefficient (log Pow) (Components)	
3-Aminomethyl-3,5,5-trimethylcyclohexylamin log Pow 0,79	
-	
12.4. Mobility in soil	



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	Version: 2.0 / EN	
	Replaces Version:	1.0 / EN

Date revised 09.12.2022 Print date: 12.12.2022

Substance number: 11403

General information

Mobility in soil (Components)

3-Aminomethyl-3,5,5-trimethylcyclohexylamin Moderately mobile in soils

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information



Substance number: 11403	Version:	Version: 2.0 / EN Replaces Version: 1.0 / EN	
	Replaces	Print date: 12.12.2022	
	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	2735	2735	2735
14.2. UN proper shipping name	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3- Aminomethyl-3,5,5- trimethylcyclohexylamin, Benzyldimethylamin)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3- Aminomethyl-3,5,5- trimethylcyclohexylamin, Benzyldimethylamin)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3- Aminomethyl-3,5,5- trimethylcyclohexylamin, Benzyldimethylamin)
14.3. Transport hazard8class(es)8		8	8
Label			B
14.4. Packing group III		Ш	Ш
Limited Quantity	51		
Transport category	3		

SECTION 15: Regulatory information

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

Water Hazard Class (Germany)

Water Hazard Class (Germany)	WGK 2			
VOC				
VOC (EU)	50,99	%	520,1	g/l

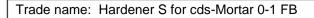
15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H312	Harmful in contact with skin.			
H314	Causes severe skin burns and eye damage.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H332	Harmful if inhaled.			
H412	Harmful to aquatic life with long lasting effects.			
CLP categories listed in Chapter 3				
Acute Tox. 4 Aquatic Chronic 3	Acute toxicity, Category 4 Hazardous to the aquatic environment, chronic, Category 3			





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Eye Dam. 1Serious eye damage, Category 1Flam. Liq. 3Flammable liquid, Category 3Skin Corr. 1BSkin corrosion, Category 1BSkin Sens. 1ASkin sensitization, Category 1A

Information about Safety Data Sheets Preparers

Oliver Nickel, o.nickel@cds-polymere.de

Supplemental information

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.