

Version	Revision Date:	Print Date	Date of last issue: 25.11.2020
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name	:	DisboXID 472 AS Comp. B
1.2 Relevant identified uses of	the s	ubstance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Epoxide-resin-based coating material, totally solid
Recommended restrictions on use	:	within adequate application - none
1.3 Details of the supplier of the s	safety	data sheet
Company	-	Disbon GmbH Roßdörfer Straße 50 64372 Ober-Ramstadt
Telephone	:	+496154710
Telefax E-mail address Responsi- ble/issuing person	-	+4961547170222 msds@dr-rmi.com
1.4 Emergency telephone		
Emergency telephone 1	:	+49613284463 GBK GmbH

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12 Acute toxicity, Category 4	72/2008) H302: Harmful if swallowed.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting ef- fects.



DisboXID 472 AS Comp. B Version Date of last issue: 25.11.2020 **Revision Date:** Print Date 1.3 14.09.2021 23.09.2021 Date of first issue: 14.09.2021 2.2 Label elements Labeling (REGULATION (EC) No 1272/2008) Hazard pictograms Signal Word ÷ Danger Hazard Statements H302 + H332 Harmful if swallowed or if inhaled. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. H412 **Prevention: Precautionary Statements** ÷ P260 Do not breathe vapours/ spray. P262 Do not get in eyes, on skin, or on clothing. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ eye protection. **Response:** P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. 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. Hazardous ingredients which must be listed on the label:

Polymer based on dipropylenetriamine Phenol, methylstyrenated Diaminopolypropylene glycol 3-aminomethyl-3,5,5-trimethylcyclohexylamine

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

Chemical nature	:	Mixture based on amine compounds
Components		

Chemical name	CAS-No.	Classification	Concentration



ersion 3	Revision Date: 14.09.2021			Date of last issue: 25.11.2020 Date of first issue: 14.09.2021	
			EC-No. Index-No. Registration numb	per	(% w/w)
Polyn amine	ner based on dipropyl e	enetri-	161278-35-9 500-626-9	Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Corr. 1B; H314	>= 30 - < 50
benzy	yl alcohol		100-51-6 202-859-9 603-057-00-5 01-2119492630-3	Acute Tox. 4; H302 Acute Tox. 4; H332	>= 20 - < 30
benzy	yl alcohol		100-51-6 202-859-9 603-057-00-5 01-2119492630-3	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 10 - < 20
Phen	ol, methylstyrenated		68512-30-1 270-966-8 01-2119555274-3	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 10 - < 20
Diam	inopolypropylene glyc	ol	9046-10-0 01-2119557899-1	Skin Corr. 1C; H314 Aquatic Chronic 3; 2 H412	>= 5 - < 10
	inomethyl-3,5,5- thylcyclohexylamine		2855-13-2 220-666-8 612-067-00-9 01-2119514687-3	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 5 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures General advice : Never give ar

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Move out of dangerous area. First aider needs to protect himself.
If inhaled	Move to fresh air.
In case 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.



Remove contact lenses, if present and easy to do. C rinsing. Immediately call a POISON CENTER or doc sician. If swallowed : Call a physician. Clean mouth with water and drink afterwards plenty If swallowed, DO NOT induce vomiting. 4.2 Most important symptoms and effects, both acute and delayed None known. 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 curstances and the surrounding environment. Foam Carbon dioxide (CO2) Unsuitable extinguishing : None known. 6.2 Special hazards arising from the substance or mixture Specific hazards during fire : Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fir tions. 5.3 Advice for firefighters : In the event of fire, wear self-contained breathing ap for fire-fighters Further information : Fire residues and contaminated fire extinguishing we be disposed of in accordance with local regulations. Standard procedure for chemical fires.	Disbo	DisboXID 472 AS Comp. B					
Remove contact lenses, if present and easy to do. C rinsing. Immediately call a POISON CENTER or doc sician. If swallowed : Call a physician. Clean mouth with water and drink afterwards plenty If swallowed, DO NOT induce vomiting. 4.2 Most important symptoms and effects, both acute and delayed None known. 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 curstances and the surrounding environment. Foam Carbon dioxide (CO2) Unsuitable extinguishing : None known. 6.2 Special hazards arising from the substance or mixture Specific hazards during fire : Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fir tions. 5.3 Advice for firefighters : In the event of fire, wear self-contained breathing ap for fire-fighters Further information : Fire residues and contaminated fire extinguishing we be disposed of in accordance with local regulations. Standard procedure for chemical fires.							
Clean mouth with water and drink afterwards plenty If swallowed, DO NOT induce vomiting. 4.2 Most important symptoms and effects, both acute and delayed None known. 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 cumstances and the surrounding environment. Foam Carbon dioxide (CO2) Unsuitable extinguishing i: None known. media 5.2 Special hazards arising from the substance or mixture Specific hazards during fire : Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fir tions. 5.3 Advice for firefighters Special protective equipment : In the event of fire, wear self-contained breathing ap for fire-fighters Further information : Fire residues and contaminated fire extinguishing was be disposed of in accordance with local regulations. Standard procedure for chemical fires.	In case 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.			
None known. 4.3 Indication of any immediate medical attention and special treatment needed Treatment Treatment No information available. SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing media Use extinguishing measures that are appropriate to cumstances and the surrounding environment. Foam Carbon dioxide (CO2) Unsuitable extinguishing media None known. 5.2 Special hazards arising from the substance or mixture Specific hazards during fire fighting Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fir tions. 5.3 Advice for firefighters In the event of fire, wear self-contained breathing ap for fire-fighters Further information Fire residues and contaminated fire extinguishing wa be disposed of in accordance with local regulations. Standard procedure for chemical fires.	If swallowed		:	Clean mouth with water and drink afterwards plenty of water.			
Treatment : No information available. SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing media Suitable extinguishing media Suitable extinguishing media Unsuitable extinguishing media Dusuitable extinguishing media Special hazards arising from the substance or mixture Specific hazards during fire fighting : Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fir tions. 5.3 Advice for firefighters Special protective equipment for fire-fighters Further information : In the event of fire, wear self-contained breathing ap for fire-fighters Further information : Fire residues and contaminated fire extinguishing was be disposed of in accordance with local regulations. Standard procedure for chemical fires.			ind e	ffects, both a	acute and delayed		
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 Specific hazards during fire fighting Cool closed containers exposed to fire with water sp Hazardous decomposition products formed under fire tions. 5.3 Advice for firefighters Special protective equipment for fire-fighters Further information Fire residues and contaminated fire extinguishing was be disposed of in accordance with local regulations. Standard procedure for chemical fires. 		_					
fighting Hazardous decomposition products formed under fir 5.3 Advice for firefighters Special protective equipment for fire-fighters Further information In the event of fire, wear self-contained breathing ap be disposed of in accordance with local regulations. Standard procedure for chemical fires.	-	-					
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for fire-fighters Further information : Fire residues and contaminated fire extinguishing was be disposed of in accordance with local regulations. Standard procedure for chemical fires.	5.3 Advic	e for firefighters					
be disposed of in accordance with local regulations. Standard procedure for chemical fires.			t :	In the event	of fire, wear self-contained breathing apparatus.		
in the event of fire and/or explosion do not breathe f	Furth	ner information	:	be disposed Standard pro	of in accordance with local regulations.		

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.



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6.2 Enviror	mental precautions						
		If the product cor respective autho	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							
Method	ds for cleaning up	Soak up with ine	closed containers for disposal. rt absorbent material (e.g. sand, silica gel, ersal 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage	:	Store in original container. Store between 41 and 77 °F in a
areas and containers		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.

7.3 Specific end use(s)



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Specific use(s)

: This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

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

Substance name	End Use	Routes of expo- sure	Potential health ef- fects	Value
benzyl alcohol	Consumers	Skin contact	Acute systemic ef- fects	20,00 mg/kg 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/kg bw/day
	Consumers	Inhalation	Acute systemic ef- fects	27,00 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	110,00 mg/m3
	Workers	Inhalation	Long-term systemic effects	22,00 mg/m3
	Workers	Skin contact	Acute systemic ef- fects	40,00 mg/kg bw/day
	Workers	Skin contact	Long-term systemic effects	8,00 mg/kg bw/day
benzyl alcohol	Consumers	Skin contact	Acute systemic ef- fects	20,00 mg/kg 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/kg bw/day
	Consumers	Inhalation	Acute systemic ef- fects	27,00 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	110,00 mg/m3
	Workers	Inhalation	Long-term systemic effects	22,00 mg/m3
	Workers	Skin contact	Acute systemic ef-	40,00 mg/kg



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				fects	bw/day		
		Workers	Skin contact	Long-term systemic effects	8,00 mg/kg bw/day		
	inomethyl-3,5,5- thylcyclohexyla-	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		

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

Substance name	Environmental Compartment	Value
benzyl alcohol	Sewage treatment plant	39 mg/l
	Fresh water	1 mg/l
	Sea sediment	0,527 mg/kg dry
		weight (d.w.)
	Sea water	0,1 mg/l
	Fresh water sediment	5,27 mg/kg dry
		weight (d.w.)
	Soil	0,456 mg/kg dry
		weight (d.w.)
	Intermittent use/release	2,3 mg/l
benzyl alcohol	Sewage treatment plant	39 mg/l
	Fresh water	1 mg/l
	Sea sediment	0,527 mg/kg dry
		weight (d.w.)
	Sea water	0,1 mg/l
	Fresh water sediment	5,27 mg/kg dry
		weight (d.w.)
	Soil	0,456 mg/kg dry
		weight (d.w.)
	Intermittent use/release	2,3 mg/l
3-aminomethyl-3,5,5-	Sea sediment	0,578 mg/kg dry
trimethylcyclohexylamine		weight (d.w.)
	Fresh water sediment	5,784 mg/kg dry
		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 dry
		weight (d.w.)
	Intermittent use/release	0,23 mg/l

8.2 Exposure controls

Personal protective equipment

Eye protection : Tightly fitting safety goggles

Hand protection



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GI Pr	aterial ove thickness otective index earing time	: 0, : C	litrile rubber ,2 mm lass 3 0 min	
Remarks		ca m	ation of degradat	discarded and replaced if there is any indi- tion or chemical breakthrough. Before re- an them with soap and water. Wear suita- to EN374.
Skin and body protection		U co A ta po	ontaminated clot dditional body ga ask being perforn	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.
		S	kin should be wa	ashed after contact.
Resp	iratory protection			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
Color	:	No data available
Odor	:	No data available
Odor Threshold	:	Not relevant
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	101 °C



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	Autoig	nition temperature	:	not determined	
	Decon	position temperature	:	Not applicable	
	рН		:	6,95 Concentration: 1	0 %
	Viscos Vis	ity cosity, dynamic	:	No data availabl	e
		ity(ies) ter solubility	:	insoluble	
		on coefficient: n- I/water	:	not determined	
	Vapor	pressure	:	not determined	
	Relativ	ve density	:	not determined	
	Densit	у	:	1,0300 g/cm3	
	Relativ	e vapor density	:	not determined	
9.2 0	Other i	nformation			
	Explos	ives	:	Not applicable	
	Oxidiz	ing properties	:	Not applicable	
	Flamm	ability (liquids)	:	Sustains combu	stion
	Evapo	ration rate	:	Not applicable	

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions

: Vapors may form explosive mixture with air.

Hazardous decomposition products formed under fire conditions.



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	litions to avoid tions to avoid	: Protect from	frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid	:	Incompatible with acids.
		Incompatible with oxidizing agents.

10.6 Hazardous decomposition 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		
Product:		
Acute oral toxicity	:	Acute toxicity estimate: 915,21 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: 2,61 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	Remarks: Based on available data, the classification criteria are not met.
		Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method
Components:		
benzyl alcohol:		
Acute oral toxicity	:	LD50 Oral (Rat, male and female): 1.230 mg/kg
Acute inhalation toxicity	:	LC50 (Rat, male and female): > 4,178 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg
benzyl alcohol:		
Acute oral toxicity	:	LD50 (Rat, male and female): 1.230 mg/kg



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	aminomethyl-3,5,5-trimeth cute oral toxicity	-	yclohexylamine: LD50 Oral (Rat):	1.030 mg/kg
Ac	cute dermal toxicity	:	LD50 (Rabbit): 1.8	840 mg/kg
Sk	kin corrosion/irritation			
Pr	oduct:			
	emarks	:	Extremely corrosi	ve and destructive to tissue.
Se	erious eye damage/eye irri	tati	on	
Pr	oduct:			
Re	emarks	:	May cause irreve	rsible eye damage.
<u>Co</u>	omponents:			
be	enzyl alcohol:			
	becies ssessment	:	Rabbit Irritating to eyes.	
Re	espiratory or skin sensitiza	atio	n	
	r <mark>oduct:</mark> emarks	:	Causes sensitizat	ion.
11.2 In	formation on other hazard	s		
SECT	ON 12: Ecological infor	ma	tion	
12.1 To	oxicity			
	oduct:			
	oxicity to fish	:	Remarks: No data	a available
	oxicity to daphnia and other juatic invertebrates	:	Remarks: No data	a available
	ersistence and degradabili o data available	ity		
	o data available			
12.4 M	obility in soil o data available			



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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

No data available

12.7 Other adverse effects

Product:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Product :	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.
	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

ADR	:	UN 2735
RID	:	UN 2735
IMDG	:	UN 2735
ΙΑΤΑ	:	UN 2735



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14.2 UN	I proper shipping name			
AD	R	:		D, CORROSIVE, N.O.S. on dipropylenetriamine, 3-aminomethyl-3,5,5- cylamine)
RI	0	:	AMINES, LIQUID, CORROSIVE, N.O.S. (Polymer based on dipropylenetriamine, 3-aminomethyl-3,5,5- trimethylcyclohexylamine)	
IMI	DG	:		D, CORROSIVE, N.O.S. on dipropylenetriamine, 3-aminomethyl-3,5,5- cylamine)
ΙΑΙ	Γ Α	:	Amines, liquid, co (Polymer based of trimethylcyclohey	on dipropylenetriamine, 3-aminomethyl-3,5,5-
14.3 Tra	ansport hazard class(es)			
AD	R	:	8	
RI)	:	8	
IMI	DG	:	8	
IAT	ΓA	:	8	
14.4 Pa	cking group			
Cla Ha Lat	R cking group assification Code zard Identification Number pels nnel restriction code	:	II C7 80 8 (E)	
Cla Ha	D cking group assification Code zard Identification Number pels	:	II C7 80 8	
Lat	DG cking group pels iS Code	:	II 8 F-A, S-B	
Pa airc Pa Pa Lat	FA (Cargo) cking instruction (cargo craft) cking instruction (LQ) cking group cels	:	855 Y840 II Corrosive	

IATA (Passenger)



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g P P	acking instruction (passen- er aircraft) acking instruction (LQ) acking group abels	: 851 : Y840 : II : Corrosive		
14.5 E	invironmental hazards			
	DR nvironmentally hazardous	: no		
	ID nvironmentally hazardous	: no		
	MDG larine pollutant	: no		

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).

- : Conditions of restriction for the following entries should be considered: Number on list 3
- : Conditions of restriction for the following entries should be considered: Number on list 3
- : 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 generated.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the

Not applicable



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control of major-accident hazards involving dangerous substances.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Volatile organic compounds

Directive 2004/42/EC < 37 % < 380 g/l

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

H312 H314 H315 H317 H318 H319 H332		Harmful if swallowed. 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 irritation. Harmful if inhaled. Harmful to aquatic life with long lasting effects
H412	:	Harmful to aquatic life with long lasting effects.
Full text of other abbreviation	ns	

Acute Tox. :	Acute toxicity
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Eye Dam. :	Serious eye damage
Eye Irrit. :	Eye irritation
Skin Corr. :	Skin corrosion
Skin Irrit. :	Skin irritation
Skin Sens. :	Skin sensitization

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; AIIC - 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 - Existboratory 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 Covid for the Construction to 50 % of a test population; LDS0 - 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 Loading Rate; NZIoC - New Zealand Inventory of Chemicals; SICD - Organization; CO- Operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; FICS - Philippines Inventory of Chemicals and Chemical Substance; (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 - substance of very high concern; TCS1 - Taiwan Chemical Substance Inventory; TEC1 - Thailand Existing Chemicals Inventory; TRG



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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	e mixture:	Classification procedure:
Acute Tox. 4	H302	Calculation method
Acute Tox. 4	H332	Calculation method
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	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 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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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.

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