

## EU safety data sheet

**Trade name:** Harz UG

**Product no.:** A8

**Current version :** 5.0.0, issued: 07.03.2024

**Replaced version:** 4.1.1, issued: 06.04.2021

**Region:** GB

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

#### 1.1 Product identifier

**Trade name**

**Harz UG**

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

**Relevant identified uses of the substance or mixture**

filling compound for electrotechnical use

**Uses advised against**

No data available.

#### 1.3 Details of the supplier of the safety data sheet

**Address**

BBC Cellpack GmbH

Carl-Zeiss-Strasse 20

79761 Waldshut-Tiengen

Telephone no. +49 (0)7741 6007-0

Fax no. +49 (0)7741 64989

e-mail [electrical.products@cellpack.com](mailto:electrical.products@cellpack.com)

**Information provided by / telephone**

+49 (0)7741 6007-0

**Advice on Safety Data Sheet**

[msds@cellpack.com](mailto:msds@cellpack.com)

#### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Acute 1; H400

Aquatic Chronic 3; H412

Skin Sens. 1; H317

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



GHS07



GHS09

**Signal word**

Warning

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**Hazardous component(s) to be indicated on label:**

Fatty acids, tall-oil, compds. with oleylamine

**Hazard statement(s)**

 H317 May cause an allergic skin reaction.  
 H410 Very toxic to aquatic life with long lasting effects.

**Hazard statements (EU)**

EUH208 Contains Fatty acids, C18-unsatd., trimers, compds. with oleylamine. May produce an allergic reaction.

**Precautionary statement(s)**

 P261 Avoid breathing vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

No data available.

**SECTION 3: Composition/information on ingredients**
**3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures**
**Chemical characterization**

Mixture (preparation)

**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>Mixture of phenyl-(p/m)-kresylphosphates</b>			
	- 907-387-3 - 01-2119511174-52	Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 25.00 - < 50.00	wt%
2	<b>propylidynetrimethanol</b>			
	77-99-6 201-074-9 - 01-2119486799-10	Repr. 2; H361fd	< 5.00	wt%
3	<b>Fatty acids, C18-unsatd., trimers, compds. with oleylamine</b>			
	147900-93-4 604-612-4 - 01-2119971821-33	Skin Sens. 1; H317 STOT RE 2; H373 Aquatic Chronic 2; H411 Acute Tox. 4; H302	< 0.50	wt%
4	<b>Fatty acids, tall-oil, compds. with oleylamine</b>			
	85711-55-3 288-315-1 - 01-2119974148-28	Skin Sens. 1A; H317 Eye Dam. 1; H318 STOT RE 2; H373	< 0.50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**
**General information**

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In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

**After inhalation**

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

**After skin contact**

Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

**After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

**After ingestion**

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

**Unsuitable extinguishing media**

High power water jet

**5.2 Special hazards arising from the substance or mixture**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**5.3 Advice for firefighters**

Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES; Wear protective clothing.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

**6.4 Reference to other sections**

No data available.

### SECTION 7: Handling and storage

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**7.1 Precautions for safe handling**
**Advice on safe handling**

Comply with the health and safety at work laws.

**General protective and hygiene measures**

Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Do not inhale vapours.

**Advice on protection against fire and explosion**

No special measures necessary.

**7.2 Conditions for safe storage, including any incompatibilities**
**Technical measures and storage conditions**

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

**Recommended storage temperature**

Value 0 - 40 °C

**Requirements for storage rooms and vessels**

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access! Containers which are opened must be carefully closed and kept upright to prevent leakage.

**Incompatible products**

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Protect against humidity

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection**
**8.1 Control parameters**
**DNEL, DMEL and PNEC values**
**DNEL values (worker)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	propylidynetrimethanol			77-99-6 201-074-9
	dermal	Long term (chronic)	systemic	0.94 mg/kg/day
	inhalative	Long term (chronic)	systemic	3.30 mg/m <sup>3</sup>
2	Fatty acids, tall-oil, compds. with oleylamine			85711-55-3 288-315-1
	dermal	Long term (chronic)	systemic	0.024 mg/kg/day

**DNEL value (consumer)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	propylidynetrimethanol			77-99-6 201-074-9
	oral	Long term (chronic)	systemic	0.34 mg/kg/day
	dermal	Long term (chronic)	systemic	0.34 mg/kg/day
	inhalative	Long term (chronic)	systemic	0.58 mg/m <sup>3</sup>
2	Fatty acids, tall-oil, compds. with oleylamine			85711-55-3 288-315-1
	oral	Long term (chronic)	systemic	0.012 mg/kg/day
	dermal	Long term (chronic)	systemic	0.012 mg/kg/day

**8.2 Exposure controls**
**Appropriate engineering controls**

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Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

**Personal protective equipment**

**Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators: Use half-mask model with cartridge or air-fed.

**Eye / face protection**

Use safety goggles.

**Hand protection**

Use protective gloves (DIN EN 374). Please read the protective glove manufacturer's information relating to permeation rates and breakthrough times and the particular conditions at the workplace.

**Other**

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
beige	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	> 150 °C
Method	ISO 2592
<b>Ignition temperature</b>	
No data available	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	

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<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	1.3	g/cm <sup>3</sup>	
Reference temperature	23	°C	
Method	ASTM D 792		
<b>Solubility in water</b>			
Comments	partly soluble		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	propylidynetrimethanol	77-99-6	201-074-9
log Pow		-0.47	
Reference temperature		26	°C
Method	OECD		
Source	ECHA		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
log Pow	>	6.2	
Reference temperature		25	°C
with reference to	pH 4		
Method	OECD 117		
Source	ECHA		
<b>Kinematic viscosity</b>			
Value	12.5	mPa*s	
Reference temperature	23	°C	
Method	ISO 2555		
<b>Solvent content</b>			
Value	<	0.5	%
<b>Particle characteristics</b>			
No data available			

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity**
**10.1 Reactivity**

Dangerous reactions are not expected if the product is handled according to its intended use.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

None, when used as directed.

**10.4 Conditions to avoid**

None, if handled according to intended use.

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**10.5 Incompatible materials**

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**10.6 Hazardous decomposition products**

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

**SECTION 11: Toxicological information**

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	propylidynetrimethanol	77-99-6	201-074-9
LD50		14700	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	propylidynetrimethanol	77-99-6	201-074-9
LD50	>	10000	mg/kg bodyweight
Species	rabbit		
Source	ECHA		

Acute inhalational toxicity			
No data available			

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	propylidynetrimethanol	77-99-6	201-074-9
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
Method	OECD 439		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	propylidynetrimethanol	77-99-6	201-074-9
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irreversible effects on the eye		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	propylidynetrimethanol	77-99-6	201-074-9
Route of exposure	Skin		

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Species	mouse
Method	OECD 429
Source	ECHA
Evaluation	non-sensitizing

<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
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Route of exposure	Skin
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Species	mouse
Method	OECD 429
Source	ECHA
Evaluation	sensitizing

**Germ cell mutagenicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>

Type of examination	in vitro gene mutation study in bacteria
Species	Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA
Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
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Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

**Reproduction toxicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>

Route of exposure	oral
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NOAEL	2200	ppm
Duration of exposure	19	week/s

Species	rats (male/female)
Method	OECD 443
Source	ECHA

<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
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Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

**Carcinogenicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>

Route of exposure	oral
-------------------	------

NOAEL	67	mg/kg bw/d
Duration of exposure	14	week/s

Species	rats (male/female)
Source	ECHA

<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
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Route of exposure	oral
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NOAEL	7.1	mg/kg bw/d
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Species	rat
Target organ	gastro-intestinal system
Method	OECD 422
Source	ECHA
Effects	May cause damage to organs through prolonged or repeated exposure

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<b>Aspiration hazard</b>
No data available

**11.2 Information on other hazards**

**Endocrine disrupting properties**

No data available.

**Other information**

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

**SECTION 12: Ecological information**

**12.1 Toxicity**

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	propylidynetrimehanol	77-99-6	201-074-9
LC50	>	1000	mg/l
Duration of exposure		96	h
Species	Alburnus Alburnus		
Source	ECHA		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
LL50	>	100	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

<b>Toxicity to fish (chronic)</b>
No data available

<b>Toxicity to Daphnia (acute)</b>			
No	Substance name	CAS no.	EC no.
1	propylidynetrimehanol	77-99-6	201-074-9
EC50		13000	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	ECHA		
2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
EL50		15.2	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

<b>Toxicity to Daphnia (chronic)</b>			
No	Substance name	CAS no.	EC no.
1	propylidynetrimehanol	77-99-6	201-074-9
NOEC	>	1000	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD		
Source	ECHA		

<b>Toxicity to algae (acute)</b>			
No	Substance name	CAS no.	EC no.
1	propylidynetrimehanol	77-99-6	201-074-9
EC50	>	1000	mg/l
Duration of exposure		72	h
Species	Selenastrum capricornutum		

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Method	OECD		
Source	ECHA		
<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
EL50		7	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

<b>Toxicity to algae (chronic)</b>			
No data available			

<b>Bacteria toxicity</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>
EC50		>	1000
Duration of exposure		3	h
Species	activated sludge		
Method	EU C.11		
Source	ECHA		
<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
EC50		>	1000
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

**12.2 Persistence and degradability**

<b>Biodegradability</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>
Value		100	%
Duration		28	day(s)
Method	OECD 302 B		
Source	ECHA		
Evaluation	readily biodegradable		
<b>2</b>	<b>Fatty acids, tall-oil, compds. with oleylamine</b>	<b>85711-55-3</b>	<b>288-315-1</b>
Type	aerobic biodegradation		
Value		87	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential**

<b>Bioconcentration factor (BCF)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>
BCF		<	17
Species	Cyprinus carpio		
Method	OECD 305 C		
Source	ECHA		

<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>propylidynetrimethanol</b>	<b>77-99-6</b>	<b>201-074-9</b>
log Pow		-0.47	
Reference temperature		26	°C
Method	OECD		
Source	ECHA		

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2	Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	288-315-1
log Pow	>	6.2	
Reference temperature		25	°C
with reference to	pH 4		
Method	OECD 117		
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
There are no data available on the preparation itself. For components which are dangerous for the environment see section 3.
The product should not be allowed to enter drains or water courses.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product**

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

**Packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

<b>ADR/RID/ADN</b>	UN3082
<b>IMDG</b>	UN3082
<b>ICAO-TI / IATA</b>	UN3082

**14.2 UN proper shipping name**

<b>ADR/RID/ADN</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	Mixture of phenyl-(p/m)-kresylphosphates
<b>IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	Mixture of phenyl-(p/m)-kresylphosphates
<b>ICAO-TI / IATA</b>	Environmentally hazardous substance, liquid, n.o.s.
Technical name	Mixture of phenyl-(p/m)-kresylphosphates

**14.3 Transport hazard class(es)**

<b>ADR/RID/ADN - Class</b>	9
Label	9
Classification code	M6
Tunnel restriction code	-
Hazard identification no.	90
<b>IMDG - Class</b>	9
Label	9
<b>ICAO-TI / IATA - Class</b>	9

## EU safety data sheet

**Trade name:** Harz UG

**Product no.:** A8

**Current version :** 5.0.0, issued: 07.03.2024

**Replaced version:** 4.1.1, issued: 06.04.2021

**Region:** GB

Label	9
<b>14.4 Packing group</b>	
ADR/RID/ADN	III
IMDG	III
ICAO-TI / IATA	III
<b>14.5 Environmental hazards</b>	
ADR/RID/ADN	Symbol "fish and tree"
IMDG	Symbol "fish and tree"
EmS	F-A, S-F
ICAO-TI / IATA	Symbol "fish and tree"
<b>14.6 Special precautions for user</b>	
No data available.	
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	
Not relevant	

**SECTION 15: Regulatory information**
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulations**
**Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is subject to Part I of Annex I, risk category: E1

**Other regulations**

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information**
**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H302	Harmful if swallowed.
H318	Causes serious eye damage.

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H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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