



Lapping fluid No. GL-3A

Print date 06.04.2023
Revision date 06.04.2023
Version 2.6 (en)
replaces version of 05.06.2020 (2.5)

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

1.1 Product identifier

Trade name/designation Lapping fluid No. GL-3A
Unique Formula Identifier UFI: W1X1-Y07H-D000-6YCC

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

Sector of uses [SU]

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 Industrial uses

Product Categories [PC]

PC 24 Lubricants, greases and release agents

Use of the substance/mixture

PC 24 lubricant, lubricant and separating agent

*** Uses advised against**

No data available

1.3 Details of the supplier of the safety data sheet

Supplier

joke Technology GmbH
Asselborner Weg 14-16
D-51249 Bergisch Gladbach
Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60
E-mail info@joke.de
Website <https://www.joke-technology.com/>

Department responsible for information:

Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60

E-mail (competent person):

sida@joke.de

1.4 Emergency telephone number

Vergiftungs-I-Z. Freiburg +49 (0) 761 / 1 92 40
REACH and CLP UK CA Help Desk +44 171 635 9191

*** SECTION 2: Hazards identification**

*** 2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
--	--------------------------

Skin Irrit. 2, H315
Eye Irrit. 2, H319
Repr. 1B, H360FD
Aquatic Chronic 3, H412

Hazard statements for health hazards

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H360FD May damage fertility. May damage the unborn child.

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Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

Remark

CLP: Not classified as hazardous if diluted below 10%.

*

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

* **2.2 Label elements**

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

Hazard pictograms



GHS07



GHS08

Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H360FD May damage fertility. May damage the unborn child.
H412 Harmful to aquatic life with long lasting effects.

*

Precautionary statements

P233 Keep container tightly closed.
P201 Obtain special instructions before use.
P280 Wear protective gloves/protective clothing and eye/face protection.
P264 Wash hands thoroughly after handling.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P273 Avoid release to the environment.
P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

* **2.3 Other hazards**

Adverse physicochemical effects

none

*

Adverse human health effects and symptoms

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).
Causes tears.

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Adverse environmental effects

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

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Other adverse effects

No data available

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Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

not applicable

*** 3.2 Mixtures***** Description**

Corrosion inhibitors and additives in aqueous solution

Hazardous ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
102-71-6	203-049-8	2,2',2''-Nitrioltriethanol	≥ 25 ≤ 50 weight-%		
141-43-5	205-483-3	2-aminoethanol	≤ 10 weight-%	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412	STOT SE 3; H335: C>=5% ATE(oral): 500 mg/kg ATE(dermal): 1100 mg/kg ATE(inhalation vapour): 11 mg/L
10043-35-3	233-139-2	boric acid	≤ 10 weight-%	Repr. 1B; H360FD	Repr. 1B; H360FD: C>=5.5%
21829-52-7	244-600-2	Kohlensäure, Verbindung mit 2-Aminoethanol (1:2)	≤ 3 weight-%	Acute Tox. 4; H302	ATE(oral): 500 mg/kg
64665-57-2	265-004-9	Sodium 4(or 5)-methyl-1H-benzotriazolide	≤ 0.3 weight-%	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Repr. 2; H361d Aquatic Chronic 2; H411	ATE(oral): 500 mg/kg
31075-24-8		1,2-Ethandiamin, n,n,n',n'-Tetramethyl-, Polymer mit 1,1'-Oxybis[2-Chlorethan] - chloroethyl)ether - Tetramethylethylendiamin Copolymer	< 0.25 weight-%	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	M=10 (Aquatic Acute 1) M=10 (Aquatic Chronic 1) ATE(oral): 500 mg/kg

REACH No.	Substance name
01-2119486482-31	2,2',2''-Nitrioltriethanol



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REACH No.	Substance name
01-2119976326-28	Kohlensäure, Verbindung mit 2-Aminoethanol (1:2)
01-2119980062-42	Sodium 4(or 5)-methyl-1H-benzotriazolide

*** SECTION 4: First aid measures**

*** 4.1 Description of first aid measures**

*** General information**

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.
 If unconscious but breathing normally, place in recovery position and seek medical advice.
 Never give anything by mouth to an unconscious person or a person with cramps.

*** Following inhalation**

Remove casualty to fresh air and keep warm and at rest.
 Notify a physician immediately.
 After inhaling vapours, first symptoms of poisoning may develop hours later, so always consult a doctor.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.
 Remove contaminated, saturated clothing immediately.
 Medical treatment necessary.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
 Remove contact lenses, if possible

*** Following ingestion**

Do NOT induce vomiting.
 Call a physician immediately.
 Rinse mouth thoroughly with water.

*** Self-protection of the first aider**

First aider: Pay attention to self-protection!
 No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

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

*** Symptoms**

If decomposition products are inhaled the following symptoms can occur:
 Irritating
 Symptoms can occur only after several hours.
 Causes severe eye irritation.
 Nausea
 Gastrointestinal complaints

Effects

This information is not available.

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

*** Notes for the doctor**

Treat symptomatically.
 Symptoms may be delayed if the products of combustion are inhaled. The affected person may need to remain under medical observation for 48 hours.



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*** SECTION 5: Firefighting measures**

5.1 Extinguishing media

Suitable extinguishing media

Foam
Extinguishing powder

Unsuitable extinguishing media

Full water jet

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

*** Hazardous combustion products**

Nitrogen oxides (NO_x)
Carbon monoxide
Carbon dioxide (CO₂)
Pressure increases when heated or fire, and the container may burst.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.
Wear full chemical protective clothing.

*** Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

*** SECTION 6: Accidental release measures**

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

*** For non-emergency personnel**

Provide adequate ventilation.
Remove persons to safety.
Avoid contact with skin and eyes.
Use personal protection equipment.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Special danger of slipping by leaking/spilling product.

For emergency responders

Remove persons to safety.
Personal protection by wearing close-fitting protective clothing and breathing apparatus.
Personal protection equipment
Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.
Collect contaminated water / firefighting water separately.
In case of pollution of waters or sewers, inform the competent authorities.

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

*** For containment**

Suitable material for taking up:
Sand
Earth
Kieselguhr
After taking up the material dispose according to regulation.



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6.4 Reference to other sections

Safe handling: see section 7
 Personal protection equipment: see section 8
 Disposal: see section 13
 Emergency telephone number: see section 1

*** SECTION 7: Handling and storage**

*** 7.1 Precautions for safe handling**

*** Protective measures**

Take the usual precautions when handling with chemicals.
 Wear personal protection equipment (refer to section 8).
 Avoid exposure - obtain special instructions before use.
 It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.
 Do not breathe gas/fumes/vapour/spray.
 Use only in well-ventilated areas.
 Always close containers tightly after the removal of product.
 Avoid skin contact.

*** Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff.
 Avoid contact with skin, eyes and clothes.
 Wash hands and face before breaks and after work and take a shower if necessary.
 Remove contaminated, saturated clothing immediately.

*** 7.2 Conditions for safe storage, including any incompatibilities**

*** Requirements for storage rooms and vessels**

Keep container tightly closed.
 Only use containers specifically approved for the substance/product.
 Do not reuse container.

Storage class

12 non-combustible liquids that cannot be assigned to any of the above storage classes

*** Further information on storage conditions**

Keep container tightly closed in a cool, well-ventilated place.
 Store upright.
 Keep locked up.
 Protect against:
 Heat
 UV-radiation/sunlight
 Frost

7.3 Specific end use(s)

Recommendation

See section 1.2

*** SECTION 8: Exposure controls/personal protection**

*** 8.1 Control parameters**

*** DNEL worker**

CAS No.	Substance name	DNEL value	DNEL type	Remark
102-71-6	2,2',2''-Nitrilotriethanol	1 mg/m ³	long-term inhalative (local)	

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CAS No.	Substance name	DNEL value	DNEL type	Remark
102-71-6	2,2',2''-Nitrilotriethanol	7.5 mg/kg bw/day	long-term dermal (systemic)	, not determined

* **PNEC**

CAS No.	Substance name	PNEC Value	PNEC type	Remark
102-71-6	2,2',2''-Nitrilotriethanol	0.32 mg/L	aquatic, freshwater	
102-71-6	2,2',2''-Nitrilotriethanol	10 mg/L	sewage treatment plant (STP)	

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

Emergency eye showers and rescue showers should be available in the immediate vicinity of any potential exposure be available.
 Technical measures and the application of suitable work processes have priority over personal protection equipment.

Technical measures to prevent exposure

ventilation system

* **Personal protection equipment*** **Eye/face protection**

Eye glasses with side protection
 EN 166

* **Hand protection**

Breakthrough times and swelling properties of the material must be taken into consideration.
 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
 It is recommended to check the chemical resistance of the specified protective gloves for special applications with the glove manufacturer.
 By long-term hand contact
 Angaben zum Handschuhmaterial [Art/Typ, Dicke, Durchdringzeit/Tragedauer, Benetzungstärke]: EN 374, NBR (Nitrilkautschuk), 480 min., 0,35mm
 DIN-/EN-Norms
 EN ISO 374
 EN 420

Body protection:

chemical resistant clothing recommended

* **Respiratory protection**

Respiratory protection necessary at:
 insufficient ventilation
 Respiratory protection helmet/hood
 EN 529
 Filtering Half-face mask (EN 149)
 Full-/half-/quarter-face masks (EN 136/140)
 Particle filter device (DIN EN 143)

* **Environmental exposure controls*** **Technical measures to prevent exposure**

Exhaust air scrubber
 Take appropriate protective measures to limit or prevent emissions.

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*** SECTION 9: Physical and chemical properties***** 9.1 Information on basic physical and chemical properties****Physical state**

liquid

Colour

yellow

Odour

characteristic

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	> 100 °C		
Auto-ignition temperature	324 °C		CAS No.102-71-6 2,2',2''-Nitrilotriethanol
Auto-ignition temperature	410 °C		CAS No.141-43-5 2-aminoethanol
Decomposition temperature	not determined		
pH	in delivery state 9.1 Concentration 3 %-Vol		
Viscosity	kinematic 7.8 mm ² /s (40°C)		
Solubility(ies)	Water solubility		soluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	< 0.0075 mm Hg (20°C)		CAS No.102-71-6 2,2',2''-Nitrilotriethanol
Vapour pressure	< 0.001 kPa (20°C)		CAS No.102-71-6 2,2',2''-Nitrilotriethanol
Vapour pressure	0.4 mm Hg (20°C)		CAS No.141-43-5 2-aminoethanol
Vapour pressure	0.053 kPa (20°C)		CAS No.141-43-5 2-aminoethanol
Vapour pressure	7.4E-7 mm Hg (20°C)		CAS No.10043-35-3 boric acid

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	Value	Method	Source, Remark
Vapour pressure	9.9E-8 kPa (20°C)	Regulation (EC) No. 440/2008, Annex A.4	CAS No.10043-35-3 boric acid
Density and/or relative density	> 1000 kg/m ³ (20°C)		
Relative vapour density	not determined		
particle characteristics	not determined		

*** 9.2 Other information**

No data available

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

This information is not available.

10.2 Chemical stability

stable

*** 10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5 Incompatible materials

Acid
Oxidising agent

10.6 Hazardous decomposition products

No hazardous decomposition products known.

*** SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***** Acute toxicity***** Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	5075.6 mg/kg CAS No.141-43-5 2- aminoethanol 500 mg/kg		

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	Effective dose	Method, Evaluation	Source, Remark
	CAS No.31075-24-8 1,2-Ethandiamin, n,n,n',n'-Tetramethyl-, Polymer mit 1,1'-Oxybis[2-Chlorethan]		
	- chloroethyl)ether		
	- Tetramethylethylendiamin Copolymer		
	500 mg/kg		
	CAS No.21829-52-7 Kohlensäure, Verbindung mit 2-Aminoethanol (1:2)		
	500 mg/kg		
	CAS No.64665-57-2 Sodium 4(or 5)-methyl-1H-benzotriazolide		
	500 mg/kg		
Acute dermal toxicity	15574.3 mg/kg		
	CAS No.141-43-5 2-aminoethanol		
	1100 mg/kg		
Acute inhalation toxicity	Acute inhalation toxicity (vapour)		
	155.7 mg/L		
	CAS No.141-43-5 2-aminoethanol		
	Acute inhalation toxicity (vapour)		
	11 mg/L		
	Acute inhalation toxicity (vapour)		
	11 mg/L		

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

* **Skin corrosion/irritation**

* **Assessment/classification**
 Repeated exposure may cause skin dryness or cracking.
 Irritating to skin.
 Based on available data, the classification criteria are not met.

* **Serious eye damage/irritation**

* **Assessment/classification**
 Causes serious eye irritation.
 Based on available data, the classification criteria are not met.

* **Sensitisation to the respiratory tract**

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



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* **Skin sensitisation**

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

* **Germ cell mutagenicity**

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

* **Carcinogenicity**

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

* **Reproductive toxicity**

* **Assessment/classification**
May damage fertility.
May cause harm to the unborn child.
Based on available data, the classification criteria are not met.

* **STOT-single exposure**

* **STOT SE 1 and 2**
* **Assessment/classification**
Based on available data, the classification criteria are not met.

* **STOT SE 3**

* **Irritation to respiratory tract**
* **Assessment/classification**
Based on available data, the classification criteria are not met.

* **STOT-repeated exposure**

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

* **Aspiration hazard**

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

Remark

No data available

* **Symptoms related to the physical, chemical and toxicological characteristics**

* **In case of ingestion**
No data available

* **In case of skin contact**
Has degreasing effect on the skin.

* **In case of inhalation**
No data available



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11.2 Information on other hazards

* **Other information**

If swallowed: nausea, vomiting.

May cause respiratory irritation.

* **SECTION 12: Ecological information**

* **12.1 Toxicity**

Aquatic toxicity

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

* **Assessment/classification**

May cause long lasting harmful effects to aquatic life.

* **12.2 Persistence and degradability**

	Value	Method	Source, Remark
Biodegradation			Product is biodegradable.

* **Assessment/classification**

Biodegradable.

12.3 Bioaccumulative potential

Assessment/classification

This information is not available.

* **12.4 Mobility in soil**

* **Assessment/classification**

No data available

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.



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12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

*** SECTION 13: Disposal considerations**

*** 13.1 Waste treatment methods**

*** Waste codes/waste designations according to EWC/AVV**

Waste code product Waste name

120110 * synthetic machining oils

Waste code packaging Waste name

150110 * packaging containing residues of or contaminated by hazardous substances

Appropriate disposal / Product

In accordance with local official regulations take to chemical / physical treatment plant.

*** Appropriate disposal / Package**

Handle contaminated packages in the same way as the substance itself.

*** Remark**

Delivery to an approved waste disposal company.

*** SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No	No	No

*** 14.6 Special precautions for user**

No data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

All transport carriers

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

Land transport (ADR/RID)

Remark

Not classified for this transport carrier.



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Sea transport (IMDG)

Remark

Not classified for this transport carrier.

Air transport (ICAO-TI / IATA-DGR)

Remark

Not classified for this transport carrier.

*** SECTION 15: Regulatory information**

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

*** EU legislation**

Authorisations

No data available

*** Restrictions on use**

No data available

EC Regulation (EC) No 1907/2006 (REACH)-Annex XVII: Restriction of the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : For professional users only.

*** Other regulations (EU)**

*** To follow:**

Contains no substance listed in REACH Annex XIV.

*** 15.2 Chemical Safety Assessment**

*** National regulations**

Chemical safety assessments were carried out for substances in this mixture.

No chemical safety assessment was carried out for the mixture itself.

*** SECTION 16: Other information**

*** Indication of changes**

* Data changed compared with the previous version



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Abbreviations and acronyms

REACH: Registration, Evaluation and Authorization of Chemicals
SU: use category
PC: Products category
CLP: Classification, Labelling and Packaging
Skin Irrit. 2: Skin irritation, Category 2
Eye Irrit. 2: Eye irritation, Category 2
Repr. 1B: Reproductive toxicant, Category 1B
Aquatic Chronic 3: Long-term (chronic) aquatic hazard, Category 3
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
PBT: persistent and bioaccumulative and toxic
vPvB: very persistent, very bioaccumulative
CAS: Chemical Abstracts Service
SCL: Specific concentration limit
ATE: Acute Toxicity Estimate
M-factor: Multiplication factor
Acute Tox. 4, H302: Acute Toxicity (oral), Category 4
Acute Tox. 4, H312: Acute toxicity (dermal), Category 4
Acute Tox. 4, H332: Acute Toxicity (inhalation), Category 4
Skin Corr. 1B: Skin corrosion, Sub-category 1B
Eye Dam. 1: Serious eye damage, Category 1
STOT SE 3, H335: Specific target organ toxicity (single exposure), Category 3
Repr. 2: Reproductive toxicant, Category 2
Aquatic Chronic 2: Long-term (chronic) aquatic hazard, Category 2
Aquatic Acute 1: Short-term (acute) aquatic hazard, Category 1
Aquatic Chronic 1: Long-term (chronic) aquatic hazard, Category 1
CO2: Carbon dioxide
TRGS: Technical Rules for Hazardous Substances
DNEL: derived no-effect level
PNEC: Predicted No Effect Concentration
STP: sewage treatment plant
DIN: German Institute for Standardization / German Industrial Standard
EN: European Standard
ISO: International Organization for Standardization
AVV: Waste Shipment Ordinance (DE)
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Dangerous goods regulations for transport by rail
IMDG: International Maritime Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
DGR: Dangerous Goods Regulations (IATA)
WGK: water hazard class
MuSchRiV: Maternity Protection Guideline Ordinance (DE)
JArbSchG: Youth Labor Protection Act (DE)
ChemVerbotsV: Chemicals Prohibition Ordinance (DE)

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Key literature references and sources for data

Datasheets of the manufacturer
European Chemicals Agency, <http://echa.europa.eu/>.

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Additional information

National and local regulations concerning chemicals shall be observed.
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Relevant H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.
H312 Harmful in contact with skin.



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H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H360FD	May damage fertility. May damage the unborn child.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

* **Indication of changes**

* Data changed compared with the previous version