



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

1.1. Product identifier

Name of product Oxid-Poliersuspension joke

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

Identified uses

Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

Product categories [PC]

Polishing agent

Uses advised against

Sector of uses [SU]

No information available.

Recommended intended purpose(s)

PC 24 lubricant, lubricant and separating agent

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

joke Technology GmbH
Asselborner Weg 14-16, D-51429 Bergisch Gladbach
Phone +49 (0) 22 04 - 8 39 - 0, Fax +49 (0) 22 04 - 8 39 - 60
E-Mail info@joke.de
Internet www.joke.de

Advice

Stefan Spiegel
Phone +49 (0) 22 04 - 8 39 - 77
Fax +49 (0) 22 04 - 8 39 - 60
E-mail (competent person):
s.spiegel@joke.de

1.4. Emergency telephone number

Emergency advice

Vergiftungs-I-Z. Freiburg
Phone +49 (0) 7 61 - 1 92 40
REACH and CLP UK CA Help Desk; Telephone: +44
171 635 9191

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard statements for physical hazards

No information available.

Hazard statements for health hazards

No information available.

Hazard statements for environmental hazards

No information available.

2.2. Label elements



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

Hazard statements for physical hazards
No information available.

Hazard statements for health hazards
No information available.

Hazard statements for environmental hazards
No information available.

Precautionary Statements

General
No information available.

Supplemental Hazard information (EU)

Physical properties
No information available.

Health properties
No information available.

Environmental properties
No information available.

Special rules for supplemental label elements for certain mixtures
No information available.

Additional information

Special rules on packaging
No information available.

Special rules for labelling of plant protection products
No information available.

2.3. Other hazards

Adverse physicochemical effects
No information available.

Adverse human health effects and symptoms
No information available.

Adverse environmental effects
No information available.

Other adverse effects
No information available.

Information pertaining to special dangers for human and environment
No information available.

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

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
107-21-1	203-473-3	ethylene glycol	2,5 - 5	Acute Tox. 4, H302

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If threatening unconsciousness, position and transport in recovery position
In the event of persistent symptoms receive medical treatment.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.
In case of respiratory standstill give artificial respiration by respirator and send for a doctor.

In case of skin contact

In case of contact with skin wash off with soap and water.
Remove contaminated clothing immediately, even underwear and shoes.

In case of eye contact

Remove contact lenses, if possible
In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.

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

Physician's information / possible symptoms

Does not represent a significant hazard under the condition of normal conditions of use.

Physician's information / possible dangers

No information available.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Carbon dioxide
Water spray jet



Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information

Cool endangered containers with water spray jet.

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

Keep away sources of ignition.

For emergency responders

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

In case of pollution of waters or sewers, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Mit saugfähigem Material (z.B. Lappen, Vlies) aufwischen.

Take up with absorbent material (e.g. kieselguhr).

After taking up the material dispose according to regulation.

Additional Information

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

General protective measures

No information available.



Hygiene measures

At work do not eat, drink and smoke.
Wash soiled clothing immediately.
Work in rooms with good ventilation.
Wash hands and skin before breaks and after work.

Advice on protection against fire and explosion

No information available.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with acids or alkalies.
Do not store with oxidizing agents.

Further information on storage conditions

Store only in original container at temperature of 30°C maximum (=86°F).
Keep container dry and store at cool and aired place.
Protect from sun.
Do not keep at temperatures below 5°C.

Information on storage stability

no

Storage group 10

7.3. Specific end use(s)

Recommendation(s) for intended use

No information available.

Particular industry solution(s) for intended use

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
107-21-1	ethanediol	8 hours	52	20	skin
		Short-term	104	40	

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of high concentrations.
Breathing apparatus with combination filter A2/P2

Hand protection

Angaben zum Handschuhmaterial [Art/Typ, Dicke, Durchdringzeit/Tragedauer, Benetzungsstärke]: EN 374, NBR (Nitrilkautschuk), 480min., 0,4mm
Recommended glove brands DIN EN 374, skin protection plan: Lanex, Danak, TH30

Eye protection

tightly fitting goggles



Other protection measures

protective overalls, antistatic

Limitation and surveillance of the environment

Take appropriate protective measures to limit or prevent emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

white

Odour

odourless

Odour threshold

No data available

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	No data available				
boiling point	110 °C				
Melting point / Freezing point	No data available				
Flash point	> 100 °C				
Vapourisation rate	No data available				
Flammable (solid)	No data available				
Flammability (gas)	No data available				
Ignition temperature	No data available				
Self ignition temperature	No data available				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	32 mbar				
Relative density	1,2 g/cm ³				
Bulk density	No data available				
Vapour density	No data available	20 °C			



	Value	Temperature	at	Method	Remark
Solubility in water					soluble
Solubility/other	No data available				
Partition coefficient n-octanol/water (log P O/W)	No data available				
Decomposition temperature	No data available				
Viscosity	not determined				
Water content	No data available				
Solids content	0 %				
Combustion value	No information available.				
Sensitiveness to impact	No information available.				
Oxidising properties	No information available.				
Explosive properties	No information available.				
9.2. Other information	No information available.				

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known.

10.2. Chemical stability

stable

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5. Incompatible materials

Substances to avoid

Alkali (lye)
 Acid, concentrated
 Oxidising agent, strong



10.6. Hazardous decomposition products

In case of fire: carbon monoxide and carbon dioxide.

Additional information

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	7712 mg/kg	rat		
LD50 acute dermal	> 3500 mg/kg	mouse		
LC50 acute inhalation	> 2,5 mg/l (6 h)	rat		
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity				No data available
Subchronic Toxicity				No data available
Chronic Toxicity				No data available
Mutagenicity				No data available
Reproduction-Toxicity				No data available
Carcinogenicity				No data available
Specific target organ toxicity (single exposure)	No data available			
Specific target organ toxicity (repeated exposure)	No data available			



Aspiration hazard

No data available

Toxicity test (Additional information)

No information available.

Experiences made from practice

Frequent and / or prolonged exposure may cause skin and eye irritation and irritation of the respiratory tract.

Additional information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 72,86 g/l (96 h)	Pimephales promelas		
Daphnia	LC50 > 100 mg/l (48 h)	Daphnia magna		

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No data available			
Biological degradability	No data available			
Degradability	No data available			
Biological eliminability	No data available			
Degradability according to WRMG	No data available			

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information 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.

12.6. Other adverse effects

No information available.

Behaviour in sewage plant

No information available.

Additional ecological information



	Value	Method	Remark
OC	No data available		
COD	No data available		
BOD	No data available		
Contains following heavy metals and compounds of the 76/464/EWG			
No information available.			
General regulation			
No information available.			

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to official regulations.

Recommended cleansing agent

No information available.

General information

No information available.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR



No dangerous goods as defined by these transport regulations.

SECTION 15: Regulatory information

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

Authorizations

No information available.

Application restrictions

No information available.

VOC standard

VOC content 5 %

National regulations

Restriction of occupation

Observe employment restrictions for young people.

Observe employment restrictions for mothers-to-be and nursing mothers.

Other regulations, restrictions and prohibition regulations

BGR 190 (rules for the use of respiratory protection)

BGR 192 (rules for the use of eye and face protection)

BGR 195 (Rules for the use of protective gloves)

Water hazard class 1 slightly hazardous to water

Decree for case of interference/remarks No data available

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

H302 Harmful if swallowed.