



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

1.1. Product identifier

Name of product ENESKApostpro vollsynthetisches Hochleistungsöl 20l Kanister

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

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-51249 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

Phone +49 (0) 22 04 / 8 39-0
Fax +49 (0) 22 04 / 8 39-60
E-mail (competent person):
safety-data-sheet@joke.de

1.4. Emergency telephone number

Emergency advice

Vergiftungs-I-Z. Freiburg
Phone Telefon: +49 (0) 761 / 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

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Acute Tox. 4	H332	
Asp. Tox. 1	H304	

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.

2.2. Label elements



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



GHS07



GHS08

Signal word

Danger

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

Precautionary Statements

Prevention

not applicable
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.

Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P331 Do NOT induce vomiting.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

Special rules for supplemental label elements for certain mixtures

not applicable

Additional information

Special rules on packaging

not applicable

2.3. Other hazards

Adverse human health effects and symptoms

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Results of PBT and vPvB assessment

not applicable

SECTION 3: Composition/ information on ingredients

3.2. Mixtures

Description

Synthetic lubricant and additives

Hazardous ingredients



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Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68649-11-6	500-228-5	Dec-1-en, Dimer, hydriert	>= 90	Acute Tox. 4, H332 / Asp. Tox. 1, H304

REACH

CAS No	Name	REACH registration number
68649-11-6	Dec-1-en, Dimer, hydriert	01-2119493069-28

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.
Take affected person into fresh air.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.
In the event of symptoms refer for medical treatment.

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.
Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Remove contact lenses, if possible

In case of ingestion

Do not induce vomiting.
Observe the aspiration hazard.
Refer to medical treatment.

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

Physician's information / possible symptoms

s.Abschnitt 11

Physician's information / possible dangers

For high pressure applications: risk of subcutaneous necrosis due to accidental injection of the skin.

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 oxides

Pressure increases when heated or fire, and the container may burst.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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.

Use breathing apparatus if exposed to vapours/dust/aerosol.

High risk of slipping due to leakage/spillage of product.

For emergency responders

Ensure adequate ventilation.

Personal protection by wearing close-fitting protective clothing and breathing apparatus.

Use breathing apparatus if exposed to vapours/dust/aerosol.

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.

Take up with absorbent material.

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

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1



**ENESKApostpro vollsynthetisches
Hochleistungsöl 20l Kanister**

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.

Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.

Wash soiled clothing immediately.

Keep separated from food and feed.

Wash hands and skin before breaks and after work.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

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 together with animal feedstuffs.

Do not store together with food.

Further information on storage conditions

Keep container tightly closed.

Protect from heat and direct solar radiation.

Keep container dry and store at cool and aired place.

Information on storage stability

No data available

Storage group 10

7.3. Specific end use(s)

Recommendation(s) for intended use

See section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

The national and local legal regulations are to be observed.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

chemical-resistant gloves

Information on glove material: NBR (nitrile rubber), Thickness:> 0,4 mm, Breakthrough time (maximum wearing time):> 480 min.



Eye protection

safety goggles with side protection

Other protection measures

protective clothing

Limitation and surveillance of the environment

Product related measures to prevent exposure

Appropriate engineering controls

ventilation system

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

colourless, clear

Odour

not determined

Odour threshold

No data available

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	No data available				
Acid number	No data available				
Boiling temperature / boiling range	No data available				
Melting point / Freezing point	No data available				
Flash point	> 150 °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	No data available				


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	Value	Temperature	at	Method	Remark
Upper explosion limit	No data available				
Vapour pressure	No data available				
Relative density	< 1000 kg/m ³	15 °C			
Bulk density	No data available				
Vapour density	No data available				
Solubility in water					low soluble
Solubility/other	No data available				
Partition coefficient n-octanol/water (log P O/W)	No data available				
Decomposition temperature	No data available				
Viscosity kinematic	5 mm ² /s	40 °C			
Solvent separation test	No data available				
Solvent content	No data available				
Water content	No data available				
Solids content	No data available				
Combustion value	No data available				
Sensitiveness to impact	No data available				
Oxidising properties	No data available				
Explosive properties	No data available				
9.2. Other information	No information available.				



SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Chemical stability

10.3. Possibility of hazardous reactions

If handled and stored as intended, no hazardous reactions will occur.

10.4. Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5. Incompatible materials

Substances to avoid

Oxidising agent

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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	No data available			H304
LD50 acute dermal	No data available			
LC50 acute inhalation	1508 mg/l ()		ATE	Harmful if inhaled.
Skin irritation	irritant			
Eye irritation	No data available			
Skin sensitization	No data available			experiences
Sensitization respiratory system	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation



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 May be fatal if swallowed and enters airways.			
Toxicity test (Additional information) No data available			
Experiences made from practice Has a degreasing effect on the skin.			
Additional information No data available			

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

Value	Species	Method	Validation
Fish			No information available.
Daphnia			No information available.
Algae			No information available.
Bacteria			No information available.

12.2. Persistence and degradability

Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability			No data available
Biological degradability	The product is biodegradable.		



Elimination rate	Method of analysis	Method	Validation
Degradability			Biodegradable
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 not applicable			
12.6. Other adverse effects No information available.			
Behaviour in sewage plant No data available			

Additional ecological information			
	Value	Method	Remark
OC			No data available
COD			No data available
BOD			No data available
General regulation No information available.			

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

13 02 06*

15 01 10*

Name of waste

synthetic engine, gear and lubricating oils

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

If possible, recycle the products. Disposal must be carried out by authorized waste disposal companies.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Dispose of according to official regulations.

Recommended cleansing agent

No data 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 data available			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No data available			
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. No hazardous material as defined by the prescriptions.			
Transport/further information No data available			

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.
- Other regulations (EU)**
No information available.
- VOC standard**
- Remark**
No data available



National regulations

Restriction of occupation

No information available.

Other regulations, restrictions and prohibition regulations

No information available.

Water hazard class 1 VwVwS Annex 4

Decree for case of interference/remarks not applicable

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Training advice

no

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.0

Sources of key data used

<http://echa.europa.eu/>.

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.