

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

1.1. Product identifier

Name of product VP OS 12 / 0205

**1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended intended purpose(s)**

Raw material

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940
E-Mail reach@fuchs-lubritech.de
Internet www.fuchs-lubritech.com

Advice

Product Safety Management
Phone +49 (0) 6301 3206 - 0
Fax +49 (0) 6301 3206 - 940
E-mail (competent person):
reach@fuchs-lubritech.de

1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154
Phone 06301/3206-808
This number is only available at office times.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

Xi; R38

N; R51/53

R-phrases

38

Irritating to skin.

51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

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



GHS07



GHS09

Signal word

Warning

Hazard Statements

H315

Causes skin irritation.

H411

Toxic to aquatic life with long lasting effects.

Precautionary Statements

P264

Wash ... thoroughly after handling.

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P321

Specific treatment (see ... on this label).

P332 + P313

If skin irritation occurs: Get medical advice/attention.

P362

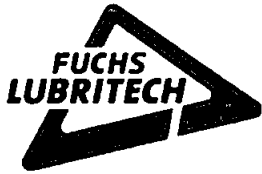
Take off contaminated clothing and wash before reuse.

P391

Collect spillage.

P501

Dispose of contents/container to ...



Hazardous ingredients for labeling

Hexanoic acid, 2-ethyl-, zinc salt, basic

2.3. Other hazards

No information available.

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 67/548/EEC
85203-81-2	286-272-3	Hexanoic acid, 2-ethyl-, zinc salt, basic	100	Xi; R38, N; R51/53

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately, don't leave to dry.
In the event of persistent symptoms receive medical treatment.

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.
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.

In case of ingestion

Do not induce vomiting.
Call for a doctor immediately.
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

No symptoms known so far.

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 powder
Carbon dioxide
Water spray jet

Unsuitable extinguishing media

Full water jet

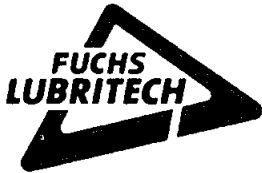
5.2. Special hazards arising from the substance or mixture

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

Ensure adequate ventilation.
Keep people away and stay on the upwind side.
Keep away sources of ignition.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
Take up mechanically.

Additional Information

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.
Avoid contact with skin and eyes
Take measures against electrostatically charging.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Don't heat up to temperatures at close range to flash point

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Prevent penetration into the ground.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.
Do not keep at temperatures below 5°C.
Do not keep at temperatures above 30°C.

Storage group 12

Fire class B

7.3. Specific end use(s)

Recommendation(s) for intended use

Raw material

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

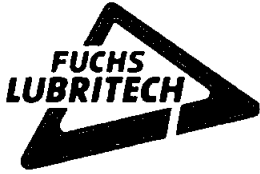
In case of insufficient ventilation or long-term effect use breathing apparatus.
Not necessary with good room ventilation

Hand protection

PVC gloves
nitrile gloves

Eye protection

safety goggles with side protection



Skin protection

Usual working clothes for chemical industries

General protective measures

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink, smoke or take drugs.
Follow general rules of industrial hygiene for safe handling of chemical products
Remove soiled or soaked clothing immediately.
Keep separated from food and feed.
Wash hands and skin before breaks and after work.

Additional advice on system design

Care for good room ventilation, exhaust system at workshop place if necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form highly viscous **Colour** farblos - gelblich **Odour** almost odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	7 - 8		10 %		dispersion in water
boiling range	> 250 °C				
Flash point	> 100 °C			closed cup	
Ignition temperature					not determined
Autolgnition	> 310 °C				
Lower explosion limit					not determined
Vapour pressure					not determined
Relative density	ca. 1,175 g/cm3	20 °C			
Solubility in water					miscible
Partition coefficient (log pOW)					not determined
Viscosity kinematic	20,5 mm2/s	23 °C			

Explosive properties
not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

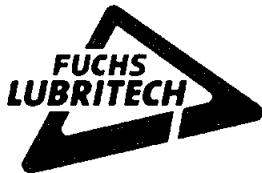
No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

not determined



10.5. Incompatible materials

Materials to avoid

Reactions with strong acids and alkalies.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 1,24 mg/l (96 h)			
Daphnia	EC50 1,58 mg/l (48 h)			
Algae	EC50 1,14 mg/l (72 h)			

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

06 03 14
15 01 10*
15 02 02*

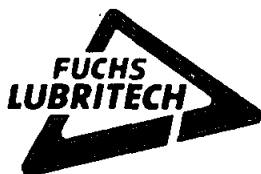
Name of waste

solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
packaging containing residues of or contaminated by dangerous substances
absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing
contaminated by dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Waste disposal in accordance with the relevant regulations.



General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexanoic acid, 2-ethyl-, zinc salt, basic), 9, III, (E), Classification code: M6

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexanoic acid, 2-ethyl-, zinc salt, basic), 9, III

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hexanoic acid, 2-ethyl-, zinc salt, basic), 9, III

Special precautions for user

No information available.

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

No information available.

SECTION 15: Regulatory information

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

VOC standard

VOC content 0 %

National regulations

Water hazard class 2 Anhang 4 VwVwS

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Sources of key data used

Material Safety Data Sheets of raw materials

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 38 Irritating to skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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