

DB.5255 euromex immersion oil

Safety Data Sheet

According to EC Directive 91/155/EEC

1. Identification of the substance / preparation and of the company / undertaking

Identification of the product: Immersion Oil

Product name: Immersion Oil **Cat.-No.:** 3C-247

Company / undertaking identification:

Company:

Emergency telephone No.:

Telefax:

2. Composition / information on ingredients

Chemical characterization: Mixture of diverse liquid hydrocarbons.

Formula Hill:

Symbol:

R-phrases:

S-phrases:

CAS-number: 8012-95-1

EC-number: 232-384-2

3. Hazards identification

No hazardous product as specified in Directive 67/548/EEC.

4. First aid measures

After inhalation: fresh air.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with water with the eyelid held wide open.

After swallowing: make victim drink plenty of water. Call in doctor if feeling unwell.

May 2008

Safety Data Sheet

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Cat.-No.: 3C-247

5. Fire-fighting measures

Suitable extinguishing media: Foam, CO₂, powder.

Special risks: Combustible. Vapours heavier than air. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus.

Other information:

Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Procedures for cleaning / absorption:

Take up with liquid-absorbent material. Forward for disposal. Clean up affected area.

Person-related precautionary measures:

Do not inhale vapours / aerosols.

Environmental-protection measures:

Do not allow to enter sewerage system.

7. Handling and storage

Handling: No further requirements.

Storage: Tightly closed. Storage temperature: no restrictions.

8. Exposure controls / personal protection

Specific control parameter:

Personal protective equipment:

Respiratory protection: required when vapours / aerosols are generated.

Eye protection: required

Hand protection:

Glove material: nitrile rubber

Layer thickness: 0.11 mm

Breakthrough time: > 480 Min.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374. The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene: Wash hands after working with substance. Change contaminated clothing.

May 2008

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9. Physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	odourless
pH value:	not available
Viscosity dynamic:	(20°C) ~ 110-230 mPa*s
Melting point:	not available
Boiling point:	300-500 °C
Ignition temperature:	not available
Flash point:	~ 230 20°C
Explosion limits	lower: not available upper: not available
Vapour pressure:	(20°C) < 0.0001 hPa
Relative vapour density:	(20°C) not available
Density:	(20°C) ~ 0.84-0.89 g/cm ³
Solubility in water:	(20°C) insoluble
Log P(o/w):	inapplicable

10. Stability and reactivity

Conditions to be avoided:	Strong heating.
Substances to be avoided:	Violent reactions possible with: strong oxidizing agents.
Hazardous decomposition products:	No information available.
Further informations:	Forms explosive mixtures with air on intense heating.

11. Toxicological information

Acute toxicity:

Quantitative data on the toxicity of this product are not available.

Further toxicological information:

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Further data:

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Ecotoxic effects: Quantitative data on the exological effect of this product are not available.

Further ecologic data: Do not allow to enter waters, waste water, or soil!

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13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC Directives:

Symbol: ---

R-phrases: ---

S-phrases: ---

German regulations:

Storage class VCI: 10-13

Water pollution class: 1 (slightly polluting substance) VwVwS Anh. 3

16. Other information

Reason for alteration

General update.

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