

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Developer mr-Dev 600

Print date : 7.11.2008

Product code : R815100

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5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder., Foam.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

In case of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

Additional information

Contaminated fire-fighting water must be collected separately.

6. Accidental release measures

Personal precautions

Remove all sources of ignition. The following must be prevented: inhalation. skin contact. Eye contact. Provide adequate ventilation.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Do not rinse down with water. Collect in closed containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. storage temperature: of °C: 18 up to °C: 25 Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Further information on storage conditions

Protect against: heat.

Storageclass (VCI) :

3A

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m³	mg/m³	F/ml	Category	Origin
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL

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Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke. Protect skin by using skin protective cream. After work, wash hands and face. Immediately remove any wetted clothing, shoes or stockings.

Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. Respiratory protection required in case of: aerosol or mist generation. Filter respirator (full mask or mouth-piece) with filter: A

Hand protection

Tested protective gloves are to be worn: Single-use gloves.

Eye protection

Suitable eye protection: Tightly sealed safety glasses.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

9. Physical and chemical properties

General information

Physical state : liquid
 Colour : colourless
 Odour : hydrocarbons, aromatic.

Important health, safety and environmental information

Test method

Changes in the physical state

Boiling point :	148-151 °C
Flash point :	48 °C
Lower explosion limits :	1.5 vol. %
Upper explosion limits :	10.8 vol. %
Vapour pressure : (at 20 °C)	3.1 hPa
Vapour pressure : (at 50 °C)	21 hPa
Density (at 20 °C) :	0.97 g/cm ³
Water solubility :	not miscible
Viscosity / dynamic : (at 25 °C)	<7 mPa·s

10. Stability and reactivity

Conditions to avoid

UV-radiation/sunlight. heat.

Materials to avoid

Oxidizing agents.

11. Toxicological information

Acute toxicity

Acute toxicity, oral LD50: 8532 mg/kg species: Rat.
 Acute toxicity, dermal LD50: 7500 mg/kg species: Rabbit.
 The statement is derived from the properties of the components.

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12. Ecological information

Further information

product has not been tested. Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Advice on disposal

Appropriate disposal / Product: Remove according to the regulations.

Contaminated packaging: Cleaned containers may be recycled.

14. Transport information

Land transport (ADR/RID)

UN number :	1993
ADR/RID class :	3
Warning plate	
Hazard-no. :	30
Hazard label :	3
ADR/RID packing group :	III

Description of the goods

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (1-Methoxy-2-propyl acetate)

Inland waterways transport

Remarks (inland waterways transport)

Not classified for this carrier.

Marine transport

UN number :	1993
IMDG code :	3
Hazard label :	3
IMDG packing group :	III
EmS :	F-E, S-E

Description of the goods

FLAMMABLE LIQUID, N.O.S. (1-Methoxy-2-propyl acetate)

Air transport

UN/ID number :	1993
ICAO/IATA-DGR :	3
Hazard label :	3
ICAO packing group :	III
IATA-packing instructions - Passenger :	309
IATA-max. quantity - Passenger :	60 L
IATA-packing instructions - Cargo :	310
IATA-max. quantity - Cargo :	220 L

Description of the goods

FLAMMABLE LIQUID, N.O.S. (1-Methoxy-2-propyl acetate)

15. Regulatory information

Labelling

Danger symbols : Xi - Irritant

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Xi - Irritant

R phrases

10 Flammable.
36 Irritating to eyes.

S phrases

25 Avoid contact with eyes.

EU regulatory information

1999/13/EC (VOC) :

Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL): This chemical is a VOC according to 99/13/EC. VOC-value (in g/l): 100 % (970 g/l)

National regulatory information

Employment restrictions :

Observe employment restrictions for young people.

Water contaminating class :

1 - slightly water contaminating

16. Other information

Full text of R-phrases referred to under sections 2 and 3

10 Flammable.
36 Irritating to eyes.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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.

Changes

* Data changed from previous versions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)