

Trade name: edding 8160 universal öl marker

Version: 1.0.0 / GB

Status: 17.08.2007

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

Identification of the substance or preparation

Trade name

edding 8160 universal öl marker

Use of the substance/preparation

multi functional oil

Company/undertaking identification

Address

edding Aktiengesellschaft
Bookkoppel 7
D-22926 Ahrensburg

Telephone no. +49 (0) 41 02 / 80 8-0

Information provided by / telephone

+49 (0)4102 - 808-0

Emergency telephone

+49 (0)30 192 40 (Toxic Substance Emergency Call Centre Berlin)

Advice on Safety Data Sheet

sdb_info@umco.de

2.) Hazards identification

Hazard symbols

- N O N E

R phrases

- N O N E

Particular information pertaining specific risk for human / environment

The product does not require a hazard warning label in accordance with Directive 1999/45/EC. No special hazards have to be mentioned. But please observe the information given in this safety data sheet.

3.) Composition / information on ingredients

Chemical characterization

Aqueous preparation

Hazardous ingredients

(2-METHOXYMETHYLETHOXY)PROPANOL

EC no.	252-104-2	Index no.	-	CAS no.	34590-94-8
Concentration	> 1	<	5 %-b.w.		
Classification	-				
Hazard symbols	-	R phrases	-		

Other information (chapter 2.)

The product is an article. The data subject of this Material Safety Data sheet refer to the liquid contained in this product (marker).

4.) First aid measures

General information

In case of persisting adverse effects consult a physician. Change contaminated, saturated clothing.

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After inhalation

Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately. Never give anything by mouth to an unconscious person.

5.) Fire-fighting measures**Suitable extinguishing media**

Foam; Carbon dioxide; Dry chemical extinguisher; Water spray jet

Extinguishing media that must not be used for safety reasons

Full water jet

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

In the event of fire, the following can be released:

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Special protective equipment for fire-fighters

Use self-contained breathing apparatus. Wear protective clothing.

6.) Accidental release measures**Personal precautions**

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing.

Environmental precautions

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

Methods for cleaning up/taking up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal considerations".

7.) Handling and storage**Handling****Advice on safe handling**

Ensure adequate ventilation. Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

Storage**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with:

Oxidizing agents

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

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8.) Exposure controls / personal protection

Exposure limit values

(2-METHOXYMETHYLETHOXY)PROPANOL

CAS no. 34590-94-8
 EC no. 252-104-2

2000/39/EWG

(2-Methoxymethylethoxy)-propanol

TWA	308	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

(2-Methoxymethylethoxy) propanol

TWA	308	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Sk			

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Eye protection

Safety glasses with side protection shield (EN 166)

Skin protection

Clothing as usual in the chemical industry.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately.

9.) Physical and chemical properties

General information

Form	liquid
Colour	light
Odour	vanilla

Important health, safety and environmental information

Changes in physical state

Value	no data available
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Flash point

Value	>	100	°C
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Vapour pressure

Value	<	0,1	mbar
Reference temperature	20	°C	

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Density

Value		0,81	g/cm ³
Reference temperature	20	°C	

Viscosity

Type	kinematic		
Value	appr.	8	mm ² /s

Solubility in water

Remarks soluble

10.) Stability and reactivity

Materials to avoid

Oxidizing agents

Hazardous decomposition products

No hazardous decomposition products known.

11.) Toxicological information

Experience in practice

By appropriate use of the product no health damage is known.

Other information (chapter 11.)

Product specific toxicological data are not known.

12.) Ecological information

Persistence and degradability

Biodegradability

Method	OECD 302 B
Evaluation	not readily degradable

Other adverse effects

Ecological data are not available.
Do not discharge product unmonitored into the environment.

13.) Disposal considerations

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14.) Transport information

Other information (chapter 14.)

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

15.) Regulatory information

Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC Directive 1999/45/EC. The product is an article. The data subject of this Material Safety Data sheet refer to the liquid

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contained in this product (marker).

Hazard symbols

- N O N E

R phrases

- N O N E

S phrases

- N O N E

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

National regulations**Other regulations, restrictions and prohibition regulations**

VOC 4 %

16.) Other information**Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC as amended in each case.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Department issuing safety data sheet

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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.