

GB

1 / 6

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 28.08.2008 Replaces the version of: 28.08.2008 PDF date: 28.08.2008  
 EVIDIS fluid Art. Nr.: 8PE 351 331-811

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or preparation

**EVIDIS fluid**  
**Art. No.: 8PE 351 331-811**

**Use of the substance/preparation**  
 Cleaner

**Company/undertaking identification**  
 Behr Hella Service GmbH, Dr.-Manfred-Behr-Str. 1, D-74523 Schwäbisch Hall  
 Telephone +49 (0) 7907 9446 373 31, Fax +49 (0) 7907 9446 373 79

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

**Emergency telephone**  
**Advisory office in case of poisoning:**  
 Tel.: +49 228 / 19240  
**Telephone number of the company in case of emergencies:**  
 Tel. +49 (0) 7907 9446 373 31

### 2. HAZARDS IDENTIFICATION

**To people**  
 See point 11 and 15.  
 Preparation is not classified as hazardous in the sense of directive 1999/45/EC.  
**To the environment**  
 n.av.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
	Registration number (ECHA)	DNEL	PNEC
Propan-2-ol			
1 -< 10	F/Xi	11-36-67	200-661-7

For complete wording of the R-phrases, refer to point 16.

### 4. FIRST AID MEASURES

**4.1 Inhalation**  
 Remove person from danger area.  
 Supply person with fresh air and consult doctor according to symptoms.

**4.2 Eye contact**  
 Remove contact lenses.  
 Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

GB

2 / 6

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
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EVIDIS fluid Art. Nr.: 8PE 351 331-811

#### 4.3 Skin contact

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

#### 4.4 Ingestion

Rinse the mouth thoroughly with water.  
Consult doctor immediately - keep Data Sheet available.

#### 4.5 Special resources necessary for first aid

n.c.

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

#### 5.2 Extinguishing media which shall not be used for safety reasons

n.c.

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

In case of fire the following can develop:

Oxides of carbon

Oxides of nitrogen

Toxic pyrolysis products.

Flammable vapour/air mixtures.

#### 5.4 Special protective equipment for fire-fighters

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

Protective respirator with independent air supply

According to size of fire

Full protection, if necessary

#### 5.5 Further information

Dispose of contaminated extinction water according to official regulations.

### 6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

#### 6.1 Personal precautions

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

#### 6.2 Environmental precautions

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Do not pour down the drain undiluted.

#### 6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13.

Flush residue using copious water.

### 7. HANDLING AND STORAGE

#### 7.1 Handling

##### Tips for safe handling:

See point 6.1

Ensure good ventilation.

Avoid contact with eyes.

Avoid long lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

#### 7.2. Storage

3 / 6

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 28.08.2008 Replaces the version of: 28.08.2008 PDF date: 28.08.2008  
 EVIDIS fluid Art. Nr.: 8PE 351 331-811

### Requirements for storage rooms and containers:

Store product closed and only in original packing.  
 Not to be stored in gangways or stair wells.

### Special storage conditions:

See point 10  
 Store cool

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

Chemical Name	Propan-2-ol		Content %:1 -< 10
WEL-TWA: 400 ppm (999 mg/m3)	WEL-STEL: 500 ppm (1250 mg/m3)	---	
BMGV: ---	Other information: ---		
Chemical Name	Propane-1,2-diol		Content %:
WEL-TWA: 150 ppm (474 mg/m3) (total, vapour and particulates), 10 mg/m3 (particulates)	WEL-STEL: ---	---	
BMGV: ---	Other information: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.  
 \*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.  
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.  
 Applies only if maximum permissible exposure values are listed here.  
 General hygiene measures for the handling of chemicals are applicable.  
 Wash hands before breaks and at end of work.  
 Keep away from food, drink and animal feedingstuffs.  
 Respiratory protection:  
 Normally not necessary.  
 If OES or MEL is exceeded.  
 Gas mask filter A (EN 14387)  
 Observe wearing time limitations for respiratory protection equipment.  
 Hand protection:  
 Recommended  
 Protective nitrile gloves (EN 374)  
 Protective hand cream recommended.  
 Eye protection:  
 With danger of contact with eyes  
 Tight fitting protective goggles with side protection (EN 166).  
 Skin protection:  
 Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.  
 Selection made for preparations according to the best available knowledge and information on the ingredients.  
 Selection of materials derived from glove manufacturer's indications.  
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.  
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.  
 In the case of preparations the resistance of glove materials cannot be calculated in advance

GB

4 / 6

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 28.08.2008 Replaces the version of: 28.08.2008 PDF date: 28.08.2008  
 EVIDIS fluid Art. Nr.: 8PE 351 331-811

so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.2 Environmental exposure controls

n.av.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Light
Odour:	Characteristic
pH-value undiluted:	Not detected
Boiling point/boiling range (°C):	Not specified
Melting point/melting range (°C):	Not detected
Flash point (°C):	> 63
Minimum limit of explosion:	2 Vol% *
Maximum limit of explosion:	12 Vol% *
Density (g/ml):	Not detected
Water solubility:	Not detected

\* Propan-2-ol

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

See point 7

Stable when handled and stored correctly.

### Materials to avoid

No dangerous reactions are known.

Avoid contact with strong alkalis.

Avoid contact with strong acids.

Avoid contact with strong oxidizing agents.

### Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

### Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

### Further information

The product was not tested.

Classification according to calculation procedure.

The following may occur:

Irritation of the eyes

Sensitive individuals:

Allergic reaction possible.

## 12. ECOLOGICAL INFORMATION

GB

5 / 6

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 28.08.2008 Replaces the version of: 28.08.2008 PDF date: 28.08.2008  
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The product was not tested.  
 Water hazard class (Germany): 2  
 Self classification: Yes (VwVwS)  
 Persistence and degradability:  
 Readily biodegradable (> 99,9% OECD 303A, (95%/21d mod. OECD-screening-test)) \*  
 Behaviour in sewage plants: Problems not expected when used correctly.  
 Aquatic toxicity: n.av.  
 Ecological toxicity: n.av.  
 Accumulation: n.av.  
 \* Propan-2-ol

### 13. DISPOSAL CONSIDERATIONS

#### 13.1. for the material / preparation / residue

EC disposal code no.:  
 The waste codes are recommendations based on the scheduled use of this product.  
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)  
 07 06 01 aqueous washing liquids and mother liquors  
 07 06 04 other organic solvents, washing liquids and mother liquors

Recommendation:  
 Pay attention to local and national official regulations  
 E.g. suitable incineration plant.

#### 13.2 for contaminated packing material

See point 13.1  
 Pay attention to local and national official regulations  
 Empty container completely.  
 Uncontaminated packaging can be recycled.  
 Dispose of packaging that cannot be cleaned in the same manner as the substance.

### 14. TRANSPORT INFORMATION

#### General statements

UN-Number: n.a.

#### Road/Rail-transport (ADR/RID)

Class/packing group: n.a.  
 Classification code: n.a.  
 LQ: n.a.

#### Transport by sea

IMDG-code: n.a. (class/packing group)  
 Marine Pollutant: n.a.

#### Transport by air

IATA: n.a. (class/secondary danger/packing group)

#### Additional information:

Non-dangerous material according to Transport Regulations.

### 15. REGULATORY INFORMATION

#### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable  
 Indications of danger: ---  
 R-phrases:

S-phrases:

Additions:  
 Safety data sheet available for professional user on request.  
 Observe restrictions: n.a.  
 VOC 1999/13/EC 3,018 %

GB

6 / 6

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## 16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany):

10/12

Revised points:

n.a.

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

11 Highly flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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