

Trade name: Cleaner for cleaning the optical unit (Hemo_Control)
Version: 1.0.0 / GB

Status: 20.01.2010
Date of printing: 20.01.2010

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

Identification of the substance or preparation

Trade name

Cleaner for cleaning the optical unit (Hemo_Control)

Order No.: 3000-6232

Cleaner for cleaning the optical unit in Hemo_Speed

Order No.: 3022-6201-0048

Use of the substance/preparation

Cleaner for cleaning the optical unit

Company/undertaking identification

Address

EKF diagnostic GmbH
Ebendorfer Chaussee 3
D-39179 Barleben

Telephone no. +49 (0)3 92 03 / 7 85 - 0

Fax no. +49 (0)3 92 03 / 7 85 - 16

Information provided by / telephone

EKF diagnostic GmbH
Telephone: +49 (0)39203 / 785 - 0 (7 am - 4 pm on workdays)

Emergency telephone

+49 (0) 551 / 19240 Poison Information Centre North(Giftinformationszentrale Nord)

Advice on Safety Data Sheet

support@ekf-diagnostic.de

2.) Hazards identification

Hazard symbols

- N O N E

Particular information pertaining specific risk for human / environment

Vapours may cause drowsiness and dizziness. The product does not require a hazard warning label in accordance with Directive 1999/45/EC. This product is an article. The data given in this material safety data sheet refer most of the time to the alcoholic solution.

3.) Composition / information on ingredients

Chemical characterization

sponge, soaked with alcoholic solution

Hazardous ingredients

ETHANOL

EC no.	200-578-6	Index no.	603-002-00-5	CAS no.	64-17-5
Concentration	> 10	<=	20	%-b.w.	
Classification	F; R11				
Hazard symbols	F	R phrases	11		

4.) First aid measures

General information

No special measures necessary.

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After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

No special measures necessary.

After eye contact

Rinse the affected eye immediately with plenty of water at the same time keep the unaffected eye well protected.

After ingestion

Rinse out mouth and give plenty of water to drink. Get medical attention if pain still persists.

5.) Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam; Dry chemicals; Carbon dioxide; 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 monoxide and carbon dioxide

Special protective equipment for fire-fighters

Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet.

6.) Accidental release measures

Personal precautions

Ensure adequate ventilation. Keep away sources of ignition. Use personal protective clothing. 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 mechanically and send for disposal.

7.) Handling and storage

Handling

Advice on safe handling

Observe the usual precautions for handling chemicals. Do not eat or drink during work - no smoking.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges.

Storage

Advice on storage assembly

Do not store together with:
Oxidizing agents

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Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

8.) Exposure controls / personal protection

Exposure limit values

ETHANOL

CAS no. 64-17-5
EC no. 200-578-6

List of approved workplace exposure limits (WELs) / EH40

Ethanol
TWA 1920 mg/m³ 1000 ml/m³

Exposure controls

Occupational exposure controls

Provide good ventilation.

Personal protective equipment

Respiratory protection

No special measures required.

Hand protection

No special measures required.

Eye protection

No special measures required.

General protective and hygiene measures

Observe the usual precautions when handling chemicals. Do not eat or drink during work - no smoking. Avoid contact with eyes. Do not inhale vapours.

9.) Physical and chemical properties

General information

Form sponge
Odour alcohol-like

Important health, safety and environmental information

Flash point

Value 12 °C
Reference substance Ethanol

Ignition temperature

Value 400 °C
Reference substance Ethanol

Self ignition

Remarks Product is not selfigniting.

Explosion limits

Upper explosion limit 19 % vol
Reference substance Ethanol

Lower explosion limit 3,1 % vol
Reference substance Ethanol

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Density

Value	appr. 0,79	g/cm ³
Reference substance	Ethanol	
Reference temperature	20	°C

Solubility in water

Remarks Completely miscible

Other information

Physical data relate to the solvent.

10.) Stability and reactivity

Conditions to avoid

Heat

Materials to avoid

Oxidizing agents

Hazardous decomposition products

Carbon monoxide and carbon dioxide

Thermal decomposition

Remarks No decomposition if used as prescribed.

11.) Toxicological information

Experience in practice

Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin.

Other information (chapter 11.)

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

12.) Ecological information

Other adverse effects

No ecological effect is to be expected, if used and handled as intended.
Product should not reach open waters.

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.
May be taken to household waste disposal or incineration plant, but care for official regulations.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14.) Transport information

Other information (chapter 14.)

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

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Date of printing: 20.01.2010**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. This product is an article in the sense of article 3 of the European Chemicals Regulation (REACH) 1907/2006/EC and therefore not subject to the labelling obligations according to the EU guideline 67/548/EEC. Submission of a safety data sheet is not mandatory for articles and is done on a voluntary basis.

Hazard symbols

- N O N E

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.

Relevant R-phrases (chapter 3):

11 Highly flammable.

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.