

Product name:	DIAPRO	Page:	1/7
Revision Date:	2014-09-15	Print date:	2014-09-15
Document No.:	M0179	SDS-ID:	US-EN/3.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name: DIAPRO  
Cat. No. 40600369 - 40600398

Container size: 500 ml; 5 l

### Relevant identified uses of the substance or mixture and uses advised against

Application: Cutting and cooling additive for fine grinding and polishing of materialographic preparations

### Details of the supplier of the safety data sheet

Supplier: Struers A/S  
Pederstrupvej 84  
DK-2750 Ballerup  
Tel:+45 44 600 800

Responsible for material safety data sheet authoring: Responsible for material safety data sheet authoring: DHI  
Any questions to the contents of this material safety data sheet should be sent to:  
Lisbeth.Mygind@struers.dk

### Emergency telephone number

Emergency telephone: Infotrac:  
1-800-535-5053  
Struers US:  
1-440-871-0071

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

The product is not classified.

67/548/EEC / 1999/45/EC: -

GHS: -

### Label elements

Based on information from the manufacturer regarding the chemical composition, the product is not liable to classification and labeling.

NFPA Rating: Health: 0 Fire: 0 Reactivity: 0 Other:-

### Other hazards

Prolonged skin contact may cause temporary irritation. Splashes in the eyes may cause redness and irritation.  
(\*)

PBT/vPvB: Not relevant.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixtures

The product contains: Water, Diamond and additives.

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

<u>Inhalation:</u>	Move into fresh air and keep at rest.
<u>Skin contact:</u>	Remove contaminated clothes and rinse skin thoroughly with water.
<u>Eye contact:</u>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.
<u>Ingestion:</u>	Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

### Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

### Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

## SECTION 5: FIREFIGHTING MEASURES

### Extinguishing media

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

### Special hazards arising from the substance or mixture

Specific hazards: No specific precautions.

### Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin and eyes.

### Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

### Methods and material for containment and cleaning up

Spill Cleanup Methods: Dam and absorb spillage with sand, sawdust or other absorbent. Dispose of waste and residues in accordance with local authority requirements.

### Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Safe handling advice: Avoid contact with skin and eyes. Observe good chemical hygiene practices.

Technical measures: Work practice should minimize contact.

Technical precautions: No special precautions.

### Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container. Store at room temperature.

### Specific end use(s)

Specific use(s): Not relevant.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

No occupational exposure limit assigned.

### Exposure controls

Engineering measures: No special precautions.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: No special precautions.

Hand protection: Risk of contact: Wear protective gloves. Nitrile gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: No special precautions.

Environmental Exposure Controls: Not available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance: gray liquid

Odor: Not available.

pH: 7

Melting point: Not relevant.

Boiling point: 100 °C

Flash point: Not relevant.

Explosion limits: Not relevant.

Relative density: Not available.

Solubility: soluble in water

### Other information

Other data: Volatile Organic Compound (VOC): 0 g/l

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## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Reactivity: None known.

### Chemical stability

Stability: Stable under normal temperature conditions.

### Possibility of hazardous reactions

Hazardous Reactions: None known.

### Conditions to avoid

Conditions/materials to avoid: None specific.

### Incompatible materials

Incompatible materials: None known.

### Hazardous decomposition products

Hazardous decomposition products: None in particular.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Inhalation: Not relevant at normal room temperatures.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Splashes may irritate.

Ingestion: May irritate and cause malaise.

Specific effects: None known.

Carcinogenicity:

National Toxicology Program (NTP): No.

I.A.R.C. Monographs: No.

OSHA: No.

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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

Ecotoxicity: The product is not expected to be hazardous to the environment.

### Persistence and degradability

Degradability: The degradability of the product has not been stated.

### Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

### Mobility in soil

Mobility: No data available.

### Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

### Other adverse effects

Other adverse effects: None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 16 05 09

## SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).

### UN number

UN-No: -

### UN proper shipping name

Proper Shipping Name: -

### Transport hazard class(es)

Class: -

### Packing group

PG: -

### Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

### Special precautions for user

Special precautions: None known.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

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## SECTION 15: REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: TSCA: Listed.

National regulation: Europe/USA:  
This Material Safety Data Sheet has been prepared according to the EU-regulation.

### Chemical Safety Assessment

CSA status: Not relevant.

## SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2.

The (\*) indicates the changes made with respect to the previous version.

Approved by DHI.



Additional information: Classification according to Regulation (EC) No. 1272/2008:  
Annex VII translation table.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.  
[www.dhigroup.com](http://www.dhigroup.com).

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