

# MATERIAL SAFETY DATA SHEET



according to EEC Directives 91/155/EEC and 93/112/EC

Product name:	DP-LUBRICANT RED	Page:	1/5
Last revised date:	2000-01-27	Print date:	2000/01/28
P/N-no.:	M1203019	SDS-ID:	US-D/1.0

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

<u>Product name:</u>	DP-LUBRICANT RED		
<u>Application:</u>	For materialographic polishing	<u>Container size:</u>	1 l, 25 l
<u>Supplier:</u>	Struers A/S Valhøjs Allé 176 DK-2610 Rødovre Tel: +45 3670 3500		

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: lubricants and water.

<u>Chemical name:</u>	<u>CAS-No.:</u>	<u>%:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
Lubricant	-	1-10	-	-
Red dye (C. I. Acid Red 211)	-	< 0,1	-	-
Water	7732-18-5	90-99	-	-

## 3. HAZARDS IDENTIFICATION

<u>Man:</u>	The hazardous properties of the product are considered to be limited.
<u>Environment:</u>	The product is not expected to be hazardous to the environment.

## 4. 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 along these instructions.
<u>Ingestion:</u>	Immediately rinse mouth and drink plenty of water. Keep person under observation. If uncomfortable: Seek hospital and bring along these instructions.

## 5. FIRE-FIGHTING MEASURES

<u>Extinguishing media:</u>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<u>Specific hazards:</u>	No specific precautions.

# MATERIAL SAFETY DATA SHEET

according to EEC Directives 91/155/EEC and 93/112/EC



Product name: DP-LUBRICANT RED

Page: 2/ 5

Last revised date: 2000-01-27

Print date: 2000/01/28

P/N-no.: M1203019

SDS-ID: US-D/1.0

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes.

Environmental precautions: Avoid discharge into water courses or onto the ground.

Methods for cleaning up: Dam and absorb spillage with sand, sawdust or other absorbent. For waste disposal, see point 13.

## 7. HANDLING AND STORAGE

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

Technical measures: Work practice should minimise contact.

Technical precautions: Local exhaust is recommended.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Mechanical ventilation may be required.

Respiratory equipment: No special precautions.

Hand protection: Risk of contact: Wear protective gloves. Consult the glove supplier to find the most suitable gloves.

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

Skin protection: Wear face shield if there is risk of splashes.

# MATERIAL SAFETY DATA SHEET

according to EEC Directives 91/155/EEC and 93/112/EC



Product name: DP-LUBRICANT RED

Page: 3/ 5

Last revised date: 2000-01-27

Print date: 2000/01/28

P/N-no.: M1203019

SDS-ID: US-D/1.0

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: red liquid  
Odour: odourless  
pH: 9.0-9.5  
Melting point: 0°C  
Boiling point: 102 °C  
Flash point: not available  
Explosive properties: not available  
Vapour pressure: 17 mmHg  
Relative density: 1.0  
Solubility: soluble in water

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/  
materials to avoid: None specific.

Hazardous  
decomposition products: None in particular.

## 11. TOXICOLOGICAL INFORMATION

Inhalation: Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Splashes may irritate.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

Specific effects: Risk of longterm effects is expected to be minimal from occupational exposure.  
Carcinogenicity:  
National Toxicology Program (NTP): No.  
I.A.R.C. Monographs: No.  
OSHA: No.

# MATERIAL SAFETY DATA SHEET

according to EEC Directives 91/155/EEC and 93/112/EC



Product name:	DP-LUBRICANT RED	Page:	4/ 5
Last revised date:	2000-01-27	Print date:	2000/01/28
P/N-no.:	M1203019	SDS-ID:	US-D/1.0

## 12. ECOLOGICAL INFORMATION

Mobility: The product is water soluble and may spread in water systems.

Degradability: The product is 80% biodegradable.

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

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

Waste from residues: EWC-code: 20 01 16

Contaminated packaging: Dispose of contaminated packings as residue.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

Labelling: Based on information from the manufacturer regarding the chemical composition of the product, an assessment by the Danish Toxicology Centre has shown that according to EEC Directives 67/548/EEC and 88/379/EEC, the product is not liable to classification and labelling.

NFPA Rating: -

Specific provisions: TSCA: Listed.

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

EC Directives 67/548/EEC on dangerous substances and 88/379/EEC on dangerous preparations (up to and inclusive of the 25th adaptation).

# MATERIAL SAFETY DATA SHEET

according to EEC Directives 91/155/EEC and 93/112/EC



Product name: DP-LUBRICANT RED

Page: 5/ 5

Last revised date: 2000-01-27

Print date: 2000/01/28

P/N-no.: M1203019

SDS-ID: US-D/1.0

## 16. OTHER INFORMATION

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

Released: 8 December 1994

Approved by DTC.

*Frank G. Berglund*

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 DANISH TOXICOLOGY CENTRE, Kogle Allé 2, DK-2970 Hørsholm, Denmark. Telephone +45 45 76 20 55 Telefax +45 45 76 24 55

Customer No: 20169

Filing No: 41452-10835