

# MATERIAL SAFETY DATA SHEET



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

Product name:	OP-A SUSPENSION	Page:	1/5
Last revised date:	2000-01-27	Print date:	2000-01-27
P/N-no.:	M1203056	SDS-ID:	US-D/1.0

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

<u>Product name:</u>	OP-A SUSPENSION		
<u>Application:</u>	Polish	<u>Container size:</u>	500 ml
<u>Supplier:</u>	Struers A/S Valhøjs Allé 176 DK-2610 Rødovre Tel: +45 3670 3500		

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: alumina oxide and water.

<u>Chemical name:</u>	<u>CAS-No.:</u>	<u>%:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
Aluminium oxide	1344-28-1	10-30	-	-
Water	7732-18-5	70-90	-	-

## 3. HAZARDS IDENTIFICATION

Man: The hazardous properties of the product are considered to be limited.

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

## 4. FIRST-AID MEASURES

Inhalation: In case of inhalation of spray mist: Move person into fresh air and keep at rest.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water.

Eye contact: 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.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If uncomfortable: Seek hospital and bring along these instructions. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

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

Specific hazards: No specific precautions.

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## 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: Not relevant.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours and spray mist.

<u>Chemical name:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
Aluminium oxide	10mg/m <sup>3</sup>	TWA	A4	ACGIH (1999)

Respiratory equipment: No special precautions.

Hand protection: Risk of contact: Wear protective gloves. Neoprene gloves are recommended.

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

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white suspension  
Odour: odourless  
pH: not available  
Boiling point: 100°C  
Flash point: not available  
Explosive properties: not available  
Relative density: 1,20  
Solubility: Miscible with water.

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/  
materials to avoid: Direct sunlight.

Hazardous  
decomposition products: None in particular.

## 11. TOXICOLOGICAL INFORMATION

Inhalation: Spray mist may irritate the respiratory system.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Splashes may irritate.

Ingestion: May irritate.

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.

## 12. ECOLOGICAL INFORMATION

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

Degradability: The product is not biodegradable.

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

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## 13. DISPOSAL CONSIDERATIONS

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

Waste from residues: EWC-code: 02 12 99

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).  
Threshold Limit Values (1999), ACGIH, by the American Conference on Governmental Industrial Hygienists.

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## 16. OTHER INFORMATION

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

Released: 21 March 1996

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.

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