

Material Safety Data Sheet

According to EC directive 2001/58/EC

Product name: Aka-Mono, Aka-Poly, Aka-Mono+, Aka-Poly+ Page: 1/3
Last revised date: 2-5-2006 Print date: 20-11-2003
Art.-no.: 2200-2400 Template: 1.0

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

Product name: Diamond Suspension P/M, Aka-Mono+
Application: Polishing Container size: 250 ml – 25 l
Supplier: AKASEL ApS
Vanløse Sand 2
DK-4370 St. Merløse
Tel +45 57 84 05 01
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Listing of components:

Chemical name:	CAS-No.:	%:	Hazard classification:	Notes:
Water	7732-18-5	>85	-	-
Glycerol	56-81-5	<10	-	-
1,2-dihydroxypropane	57-55-6	<3	-	-
PEG	25322-68-3	<3	-	-
Suspending agent	Proprietary	<0.1	-	-
pH regulator	102-71-6	<0.1	-	-

3. HAZARDS IDENTIFICATION

None

4. FIRST-AID MEASURES

Inhalation: Not likely to occur.
Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. Seek medical advice if irritation develops. Launder clothes before reuse
Eye contact: Immediately flush with plenty of water. Remove any contact lenses and open eyelids widely. Seek medical advice if irritation persists
Ingestion: Rinse mouth, give water to drink

5. FIRE-FIGHTING MEASURES

Extinguishing media: All fire-extinguishing media is allowed. Product is not combustible.
Specific hazards: None known
Protective equipment: The usual precautions for handling chemical should be observed.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. For personal protection, see point 8.
Environmental precautions:	Do not discharge into drains, water courses or onto the ground.
Methods for cleaning up:	Absorb spillage with non-combustible, absorbing material e.g. vermiculite.

7. HANDLING AND STORAGE

Safe handling advice:	Avoid contact with skin and eyes.
Technical measures for safe storage:	No special precautions.
Storage conditions:	Store in closed containers at ambient temperature. 5-35°C is recommended

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory equipment:	No specific recommendations.
Hand protection:	Wear suitable gloves.
Eye protection:	Wear eye/face shield.
Skin protection:	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white to black liquid.
Odour:	sweet.
pH:	7
Boiling point:	100 °C.
Flash point:	not relevant.
Explosive properties:	not relevant.
Relative density:	1.0
Solubility:	miscible with water.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions.
Conditions/materials to avoid:	Protect from frost.

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Hazardous decomposition products: None particular known

11. TOXICOLOGICAL INFORMATION

Skin contact: Slightly irritating to skin but not sufficient for classification.
Eye contact: Slightly irritating to eyes.
Ingestion: May irritate.
Specific effects:

Carcinogenicity:
National Toxicology Program (NTP): No.
I.A.R.C. Monographs: No.
OSHA: No.

12. ECOLOGICAL INFORMATION

Mobility: The product is water miscible and may spread in water systems
Degradability: The product is easy biodegradable with exception of the abrasive content.
(Inorganic)
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.

14. TRANSPORT INFORMATION

Not classified as dangerous in any mode of transportation

15. REGULATORY INFORMATION

Labelling: none

16. OTHER INFORMATION

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