

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : **AK-8805**

MSDS NUMBER: **04**

REVISION **1.2**

2006-7-1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: AK-8805

Chemical name: Polyether modified polysiloxane

Supplier : Dearmate Shichuang Chemical Co., Ltd.
3A01-5 Fine Chemical Zone Nanjing Economic & Technical Development Zone

Emergency telephone number: 0086 25 85560992

Customer Service: 0086 25 85570505

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#
Polyether modified polysiloxane	68938-54-5

3. HAZARDS IDENTIFICATION

APPEARANCE

Physical state	Liquid
Color	Transparent
Odor	Slight

EMERGENCY OVERVIEW

CAUTION!

COMBUSTIBLE

POTENTIAL HEALTH EFFECTS

Swallowing

Acute effects

No evidence of harmful effects from available information.

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Skin absorption

Acute effects

No evidence of harmful effects from available information.

Inhalation

Acute effects

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

Vapor or mist from heated material may cause irritation of the respiratory tract.

May cause the following effects:

- nasal discomfort and discharge
- chest pain
- coughing

High vapor concentrations may cause the following effects:

- lung damage

Skin contact

Acute effects

No evidence of harmful effects from available information.

Eye contact

Acute effects

No evidence of harmful effects from available information.

Medical conditions aggravated by overexposure

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Other effects of overexposure

No adverse effects anticipated from available information.

POTENTIAL ENVIRONMENTAL EFFECTS

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

4. FIRST AID MEASURES

Swallowing

No emergency care anticipated.

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Skin

Wash skin with soap and water.

Inhalation

No emergency care anticipated.

Eye contact

Flush eyes thoroughly with water for several minutes.

Notes to physician

Toxicology studies have shown this material to be of very low acute toxicity. There is no specific antidote.

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

Flash point: more than 65 °C

Flammable limits

Lower limit: Not available

Upper limit: Not available

Special fire fighting procedures

Do not direct a solid stream of water or foam into hot, burning pools: this may cause frothing and increase fire intensity.

Special protective equipment for firefighters

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media

Suitable: Large fires:

- alcohol-type foam or universal-type foams

Small fires:

- CO2

- dry chemical

Unsuitable: None.

Unusual fire and explosion hazards

None known.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment.

Environmental precautions

Prevent runoff.

Methods for cleaning up

Cover with absorbent or contain.

Collect for disposal.

Observe government regulations.

7. HANDLING AND STORAGE

STORAGE

Storage requirements

Keep away from heat and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory protection

None expected to be needed.

Hand protection / protective gloves

Recommended order of use:

4H

Butyl

Neoprene

Nitrile (NBR)

PVC-coated

Eye protection

Safety glasses.

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Other protective equipment

Eye bath

Safety shower

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is satisfactory for normal handling.

In a foaming operation, the special ventilation required to control isocyanates at safe levels should also be satisfactory for this product.

EXPOSURE LIMITS

No exposure limits have been established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Form Liquid

COLOUR Yellowish

ODOUR Slight

DATA RELEVANT TO SAFETY

Change in physical state

Melting temperature	Not measured
Boiling temperature	Not measured
Flash point	More than 65 degree
Ignition temperature	Not measured
Lower explosion limited	Not measured
Upper explosion limited	Not measured
Vapour pressured	Not measured
Density apprex	1.05 to 1.09 (25degree)
Vapour density	Not measured
Solubility in water	Soluble
PH value	4.0 to 7.0 (at 40g/l)
Viscosity apprex.	600 to 1100
Chemical stability	Stable
Thermal decomposition	Not measured

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Hazardous reactions

No hazardous reaction with proper storage and handling .Hazardous decomposition products none with proper storage and handling

11. TOXICOLOGICAL INFORMATION

Remark According to experience the product is considered to be harmless to health if used in the correct manner

12. ECOLOGICAL INFORMATION

No data

Remarks

The products is considered to be a weak water pollutant

Do not allow to enter soil, waterways or waste water canal

13. DISPOSAL CONSIDERATIONS

Comply with Local Regulation

14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

None

17. DATA AVAILABILITY

July 1, 2008