

Material Safety Data Sheet according to 91/155/EEC – ISO 11014 – 1

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CETYL STEARYL ALCOHOL
30:70

Revision: 20.05.2009

1. Name of substance/preparation and company

Trade name:

CETYL STEARYL ALCOHOL 30:70

Company name:

Emery Oleochemicals (M) Sdn. Bhd. Malaysia. Phone: ++6(03)-33268686

2. Possible product risks

Special hazards for man and environment:

None if used for intended purpose.

3. Composition/information on ingredients

General chemical description:

Cetyl Stearyl Alcohol

4. First-aid measures

After inhalation:

Remove to fresh air.

After skin contact:

Rinse with running water and soap. Skin care: remove contaminated clothes.

After eye contact:

Immediately flush eyes with copious amounts of running water (for 10 minutes), see an oculist.

After ingestion:

Flush oral cavity, drink plenty of water, and see a physician.

5. Fire-fighting measures

Suitable extinguishing media:

Foam, extinguishing powder, carbon dioxide, water spray jet.

Extinguishing media which must not be used for safety reasons:

None known

Special hazards by the product itself from combustion products or from resulting gases:

None known.

Special protective equipment for fire fighters:

Wear personal protective equipment.

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6. Accident release measures**Personal precautions:**

Avoid contact with skin and eyes.

Environment precautions:

Do not allow to flow into drainage system.

Process for cleaning and take-up:Remove mechanically.

7. Handling and storage**Handling:**

Ensure that workrooms are adequately ventilated. Avoid open flames.

Storage:Keep container tightly sealed.
Storage Class: VCI-storage class: 11 (BRD).

8. Exposure controls/personal protection**Additional information for system design:**

No special measures required.

Components with specific control parameters:

None.

Personal protection:Immediately remove soiled or soaked clothing.
Hand protection : suitable protective gloves.
Eye protection : protective goggles.

9. Physical and chemical properties

Designation	Value	Testing for
Physical State	Solid	
Odour	Odourless	
Colour(s)	White	
Boiling point	310-360°C	No information
Solidification range	48-53°C	ISO 3841
Viscosity @ 60°C	approx. 10 mPa.s	AOCS Ja 10-87:1997
Flash point	approx. 170°C	DIN ISO 2592 (Cleveland)
Relative Density (60 °C)	approx. 0.815 g/cm ³	AOCS 1b-64:93
Solubility (qualitative)	Insoluble	No information

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10. Stability and reactivity

Conditions to avoid

No decomposition if used according to specification

Materials to avoid:

None known if used for its intended purpose.

Hazardous decomposition products:

None known if used for intended purpose.

11. Toxicological information

Ingestion:

Acute oral toxicity: LD50 > 5000 mg/kg body weight, rat.

Skin contact:

Not irritating.

Eye contact:

Not irritating.

12. Ecological information

The following data are estimated on the basis of the raw materials contained in the product and/or of structurally comparable substances.

Persistence and degradability:

Readily and rapidly degradable: all individual organic substances contained in the product achieve values in tests for ready degradability (e.g. OECD 301 A-F) of at least 60% BOD/COD or 70% DOC reduction (tolerance value for classification as "readily degradable": $\geq 70\%$ DOC reduction or $\geq 60\%$ BOD/COD in 28 days)

Aquatic toxicity:

Acute fish toxicity:	LC 50 > 100 mg product/l.
Chronic bacteria toxicity:	EC 50 > 100 mg product/l.

13. Disposal considerations

Product Disposal:

Special waste incineration with the approval of the responsible local authority.

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14. Transport information

General information:

Not hazardous according to RID/ADR, GGVS/GGVE, ADN, IMDG, ICAO-TI/IATA-DGR.

15. Regulatory information

Classification and labelling according to GefStoffv:

Symbols of danger:

Not subject of the identification regulations.

R-phrases:

Not applicable

S-phrases:

Not applicable

National prescriptions:

WGK= 0. (Classification according to Annex 2 of the "Verwaltungs-Vorschrift wassergefährdende Stoffe" vom 18. April 1996)

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.