

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

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**Edenor C18-98 MY**

SDS no.:  
Revision: 20.05.2009

### 1. Name of substance/preparation and company

**Trade name:**

Edenor C18-98 MY

**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:**

Stearic acid 98% min.

### 4. First-aid measures

**After inhalation:**

Not relevant.

**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 protective equipment.

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**6. Accident release measures**

**Personal precautions:**

Not required.

**Environment precautions:**

Do not allow to flow into drainage system.

**Process for cleaning and take-up:**

Remove mechanically.

**7. Handling and storage**

**Handling:**

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.

**Respirator protection:**

Not necessary.

**Personal protection:**

Do not eat and drink while working.  
Hand protection : suitable protective gloves.  
Eye protection : protective goggles.  
Body protection: suitable protective clothing.

**9. Physical and chemical properties**

<b>Designation</b>	<b>Value</b>	<b>Testing for</b>
Physical state	Solid	
Delivery state	Solid	
Odour	Fatty	
Colour(s)	white	
Boiling point @ 5mm Hg	approx. 214°C	No information
Titer	approx. 67°C	AOCS Tr 1a-64
Solidification range	approx. 64°C	
Viscosity @ 75°C	approx. 10 mPa.s	AOCS Ja 10-87:1997
Flash point	approx. 205°C	DIN ISO 2592 (Cleveland)
Density (70 °C)	approx 0.85 g/ml	No information
Solubility (qualitative) (20 °C; Solvent: water)	insoluble	No information

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### 10. Stability and reactivity

**Conditions to avoid**

No decomposition if used according to specifications.

**Materials to avoid:**

None known if used for intended purpose.

**Hazardous decomposition products:**

None known if used for intended purpose.

### 11. Toxicological information

**Ingestion:**

Acute oral toxicity: LD50 > 2000 mg/kg body weight.

### 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": >=70 % DOC reduction or >= 60% BOD/COD in 28 days)

**Aquatic toxicity:**

Acute fish toxicity:	LC 50 > 10 to 100 mg product/l.
Acute bacteria toxicity:	EC 50 > 100 mg product/l.
Chronic bacteria toxicity:	EC 50 > 10 to 100 mg product/l.

### 13. Disposal considerations

**Product Disposal:**

Waste incineration with the approval of the responsible local authority.

### 14. Transport information

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

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**15. Regulatory information**

**Classification and labelling according to GefStoffv:**

**Symbols of danger:**

Not subject of the identification according to GefStoffv:

**R-phrases:**

Not applicable.

**S-phrases:**

Not applicable.

**National prescriptions:**

WGK= 0. (classification by the German commission).

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**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.