

**SAFETY DATA SHEET**

(Version-1.02, Date of Issue – 04 Feb 2019)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**1.1. Product Identifier**

Product Name : Evyap Oleo S-1898
Product Description : Stearic Acid 98%
CAS Number : 57-11-4
EINECS Number : 200-313-4

1.2. Intended Use of Product : Washing & cleaning products, leather treatment products, polymers, pH regulators and water treatment products, textile treatment products and dyes and lubricants and greases.

1.3. Supplier Details : Evyap Sabun Malaysia Sdn Bhd
PLO 70, Jalan Nibong 4, Tanjung Langsat Industrial Complex,
81700 Pasir Gudang, Johor, Malaysia

1.4. Emergency Contact : Tel: +607-2527000/2520999/2520888

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the Substance or Mixture**

GHS Classification : Not classified

2.2. Label Elements

Pictogram : Not Applicable
Signal Word : Not Applicable
GHS Hazard Phrases : Not Applicable

GHS Precaution Phrases : Not Applicable

GHS Storage and Disposal Phrases : Refer to Section 7 for Storage and Section 13 for Disposal information

2.3. Other Hazards : This substance /mixture contains no components considered to be either persistent, bio cumulative and toxic (PBT) or very persistent and very bio cumulative (vPvB)

SECTION 3: COMPOSITION / INFORMATION OF INGREDIENTS**3.1. Substances**

Component	CAS Number	EINECS Number	% by wt.
Octadecanoic acid, C18	57-11-4	200-313-4	98.0



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SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

- | | | |
|--------------|---|--|
| Ingestion | : | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| Inhalation | : | Move to fresh air immediately. In case of breathing difficulty, try artificial respiration. Get medical attention as soon as possible. |
| Skin Contact | : | Wash material off the skin with plenty of soap and water. Use emollient to cover affected skin. If redness or itching persists, seek medical attention. |
| Eye Contact | : | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately seek medical attention. |

4.2. Most Important Symptoms and Effects, both Acute and Delayed

: Described in Section 11

4.3. Indication of any immediate medical attention and special treatment needed

: No Data Available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

- | | | |
|-----------------|---|--------------------------------------|
| a) Suitable | : | Carbon dioxide, dry chemical or foam |
| b) Not Suitable | : | Water jet |

5.2. Special hazards arising from the substance or mixture

: Dust explosion possible if in powder or granular form, mixed with air.

5.3. Hazardous Thermal Decomposition

: On decomposition gives CO₂, CO, hydrocarbons, soot, aldehydes and ketones

5.4. Advice for Firefighters

: Wear self-contained breathing apparatus and protective clothing to avoid direct contact with eyes and skin.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal Precautions, Protective Equipment and Emergency Procedures** : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8
- 6.2. Environmental Precautions** : Avoid discharge into drains, watercourse or onto the ground.
- 6.3. Methods and material for containment and Cleaning up** : Collect the spillage in the containers and remove to safe place. Can also allow spillage to solidify and then shovel into containers. After collecting the spillage, wash with plenty of water.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for Safe Handling** : Avoid any direct contact with the product. Wash hands with soap and water after handling the material. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
- 7.2. Conditions for Safe Storage, including any incompatibilities** : Store in sealed, airtight containers in a cool, well-ventilated and dry place. Keep away from heat, strong acids and oxidizing agents. Solid forms can be packed in laminated paper bags.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control Parameters**

Derived No Effect Levels (DNEL) :

Exposure	Threshold Limit Value (TLV)
Inhalation	Long term: 17.632 mg/m ³ bw/day
Dermal	Long term: 10 mg/kg bw/day
Eye	Not available

8.2. Exposure Controls : No special measures required

Appropriate Engineering Controls

PPE

- Eye/Face protection : Use Safety goggles and face mask
- Skin Protection : Wear chemically resistant protective gloves
- Respiratory Protection : In case of inadequate ventilation wear respiratory protection
- Other Information : Follow standard industrial practice for handling chemicals



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic

**Physical and Chemical
Properties**

Appearance/physical state	: White solid at 30°C
Molecular weight	: 278-286
Melting point	: 66 °C at 101.3 kPa
Flash point	: >200 °C (Closed Cup)
Boiling point	: > 350 °C at 760 mm Hg
Density	: 0.85 g/mL at 80 °C
Vapour pressure	: <1.0 mm Hg at 165 °C
Viscosity at 30 °C	: 10 mPa.s @ 75 °C
Solubility in water	: None at 20 °C
Evaporation Rate	: Not Applicable
Flammability	: Not flammable
Explosive limits	: Not explosive
Vapour Density	: Not available
Relatives Density	: 0.94 @ 20 °C
Auto ignition temperature	: >250 °C
Decomposition temperature	: Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	: No data available
10.2. Chemical Stability	: Stable under normal operational condition
10.3. Possibility of Hazardous Reactions	: No data available
10.4. Conditions to Avoid	: Sources of heat, ignition & flame
10.5. Incompatible Materials	: Strong acids and oxidizing agents
10.6. Hazardous Decomposition Products	: Carbon monoxide & Carbon dioxide



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on

Toxicological Effects

Acute Toxicity

LD50 Oral-rat	: 2000-6000 mg/kg bw
LD50 Dermal- rabbit	: >2000 mg/kg bw
LC50 Inhalation-rat	: >0.1621 mg/L air, Duration: 4 hours
Eye Irritation	: Slight irritation
Skin Irritation	: Slight irritation
Sensitization	: Not available
Carcinogenicity	: Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

LC50 Fish	: 10 g/L (exposure time: 48 hours), Species: Leuciscus idus
EC50 Aquatic	: 4.8 mg/L (exposure time: 48 hours), Species: Daphnia magna
Invertebrate	
EC50 Algae	: 900 ug/L (exposure time: 72 hours), Species: Pseudokirchneriella subcapitata
EC10 Microorganism	: 883 mg/L (exposure time: 18 hours), Species: Pseudomonas putida

12.2. Persistence and Degradability : Biodegradable

12.3. Bioaccumulative Potential : Not Available

12.4. Mobility in Soil : Not Available

12.5. Other Adverse Effects : Toxic to aquatic life. Avoid release to the environmental

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods : Disposal must be made accordingly to official regulation. Do not dump into any sewers, on the ground, or into any body of water.



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SECTION 14: TRANSPORTATION INFORMATION

14.1. UN Number : None

14.2. UN Proper Shipping

Name

Land Transport : Chemicals N. O. S. / (Non-Regulated)
(ADR/RID)

Maritime Transport : Chemicals N. O. S. / (Non-Regulated)
(IMDG)

Air Transport (IATA) : Chemicals N. O. S. / (Non-Regulated)

HS Code : 2915 70 2000

**14.3. Transport Hazard
class (es)**

Land Transport : Not Applicable
(ADR/RID)

Maritime Transport : Not Applicable
(IMDG)

Air Transport (IATA) : Not Applicable

14.4. Packing Group

Land Transport : Not Applicable
(ADR/RID)

Maritime Transport : Not Applicable
(IMDG)

Air Transport (IATA) : Not Applicable

**14.5. Environmental
Hazards**

Land Transport : No
(ADR/RID)

Maritime Transport : No
(IMDG)

Air Transport (IATA) : No

**14.6. Special Precautions for
Use** : No data available



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15. REGULATORY INFORMATION

- | | | |
|------------------|---|---|
| EC Regulations | : | This product is not classified as dangerous according to EC directive. |
| Inventory Status | : | According to available data and our knowledge, this product is not regulated. However, one should observe the usual precautionary measures for dealing with chemicals according to local, state and federal regulation and industrial requirements. |

16. OTHER INFORMATION

- | | | |
|-------------------|---|--------------------------------------|
| SDS Updated Date | : | 04 Feb 2019 |
| SDS Creation Date | : | 22 Feb 2017 |
| Version | : | 1.02 |
| SDS Authorized by | : | Quality Management System Department |

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