



**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     |



**SAFETY DATA SHEET**

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

**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 CO<sub>2</sub>, 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.



**SAFETY DATA SHEET**

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

**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 <sup>3</sup> bw/day |
| Dermal     | Long term: 10 mg/kg bw/day                 |
| Eye        | Not available                              |

**8.2. Exposure Controls Appropriate Engineering Controls PPE**

- : No special measures required
- 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

**SAFETY DATA SHEET**

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

**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**

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



**SAFETY DATA SHEET**

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

**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 Invertebrate | : | 4.8 mg/L (exposure time: 48 hours), Species: Daphnia magna                   |
| 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.



**SAFETY DATA SHEET**

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

**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



**SAFETY DATA SHEET**

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

**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

*Note: Information contained in this publication is true and accurate to the best of our knowledge. The nominal values stated here are obtained using laboratory test specimens. Evyap Sabun Malaysia and its affiliated companies do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The company disclaims any liability that may be claimed for infringement or alleged infringement of patents*