

SDS No. : WOG-SLS-001  
First Issued : 07 Feb 2018

Revision No. : 00  
Revision Date : -

## SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

- a. Product Name : **Sodium Laureth 2 Sulfate**  
b. Product code : SLES 70%  
b. Recommended use : Anionic Surfactant  
c. Supplier : **Natural Oleochemicals Sdn. Bhd.**  
PLO 428, Jalan Besi Satu, 81700 Pasir Gudang, Johor,  
Malaysia.
- Emergency contact : Dr. Augustine Shak Kim Fui (Natural Oleochemicals Sdn. Bhd)  
DL : 607-2533840  
e-mail : [augustine.shakkimfui@my.wilmar-intl.com](mailto:augustine.shakkimfui@my.wilmar-intl.com)

### 2. Hazards Identification

Not classified as a Hazardous Chemical under Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulation 2013 [P.U. (A) 310/2013].

Skin irritation	Category 2
Serious eye irritation	Category 2

**Label Elements:**



**Signal Word:**

WARNING

**Hazard Statements:**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Precautionary Statements:**

P264 Wash hands thoroughly after handling.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists. Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing before re-use.

**Other hazards:**

No information available.

### 3. Composition/Information on Ingredients

Name	CAS No.	Proportion	Hazard Codes
(C10-16) Alkyl alcohol ethoxylate, sulfated, sodium salt	68585-34-2	70%	H315 H319
Water	7732-18-5	to 100%	-

### 4. First-aid Measures

**Description of first aid measures:**

**Inhalation:**

Remove victim from area of exposure. Seek medical advice if effects persist.

**Skin Contact:**

Immediately remove any contaminated clothing and wash skin and hair thoroughly with running water.

If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye Contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Immediate medical attention is required.

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**Ingestion:**

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Most important symptoms and effects, both acute and delayed:**

No information available.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.

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**5. Fire Fighting Measures**

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**Suitable Extinguishing Media:**

Not combustible, however, if material is involved in a fire use: Normal foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards arising from the substance or mixture:**

No information available.

**Special protective equipment and precautions for fire-fighters:**

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

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**6. Accidental Release Measures**

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**Personal precautions, protective equipment and emergency procedures:**

Slippery when split. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact.

**Environmental precautions:**

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local environmental or health authorities.

**Methods and materials for containment and cleaning up:**

Prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and keep in closed containers and properly labelled for disposal.



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## 7. Handling and Storage

### Precautions for safe handling:

Avoid skin and eye contact. Do not breathe in vapor, mists and aerosols.

### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Keep containers closed when not in use – check regularly for leaks.

## 8. Exposure Controls and Personal Protective Equipment

### Control parameters:

No information available.

### Appropriate engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

### Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Wear gloves, goggles and safety shoes. Always wash hands before smoking, eating, drinking or using the toilet. Ensure adequate ventilation of working places.

## 9. Physical and Chemical Properties

<b>Physical state:</b>	Paste.
<b>Color:</b>	Colorless to Pale Yellow.
<b>Odor:</b>	Slightly odor.
<b>pH (AM 1%):</b>	7.00 – 9.00 (25°C)
<b>Melting point/range (°C):</b>	Not applicable.
<b>Boiling point:</b>	>100°C (Water Evaporate).
<b>Flash point:</b>	Not applicable.
<b>Evaporation rate:</b>	Not applicable.



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Flammability limits (%): Not applicable.  
Vapor pressure (20°C): Not applicable.  
Vapor density: Not applicable.  
Relative density: Not applicable.  
Solubility: Soluble in water.  
Partition coefficient (n-octanol/water): Not applicable.  
Auto-ignition Temperature: Not applicable.  
Decomposition temperature: Not applicable.  
Viscosity: Not applicable.  
Specific Gravity: 1.05.

### 10. Stability and Reactivity

Reactivity: No information available.

Chemical Stability: Stable at room temperature.

**Possibility of hazardous reactions:**

Hazardous polymerization: Will not occur.  
Hazardous reactions: No information available.

Condition to avoid: Not applicable.

Incompatibility materials: Strong Acid and oxidizing agents.

Hazardous Decomposition products: None known.

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**11. Toxicological Information**

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No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	Swallowing may result in irritation of the gastrointestinal tract.
<b>Eye contact:</b>	An eye irritant.
<b>Skin contact:</b>	Contact with skin will result in irritant. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. May cause skin sensitization in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
<b>Inhalation:</b>	Breathing in mists or aerosols may produce respiratory irritation.
<b>Acute Toxicity:</b>	LD50 > 2000 mg/Kg Body weight.
<b>Dermal Compatibility:</b>	Irritant.

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**12. Effects on the Environment**

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<b>Ecotoxicity:</b>	Avoid contaminating waterways.
<b>Degradability:</b>	The material is degraded quickly.
<b>Acute Fish Toxicity:</b>	>1000 mg/L
<b>Chronic effects:</b>	No information available for the product.

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**13. Disposal Considerations**

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**Disposal methods:**

Refer to local environmental or health authorities for approved disposal of this material. In case of small amount, rinses with water.

Spill or Leak: In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.



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### 14. Transport Information

**IMDG/IMO (Marine Transport):**

Not regulated as a hazardous material or dangerous goods for transportation.

**RID/ADR (Road and Rail Transport):**

Not regulated as a hazardous material or dangerous goods for transportation.

**ICAQ/IATA (Air Transport):**

Not regulated as a hazardous material or dangerous goods for transportation.

### 15. Regulatory Information

**Classification:**

This product is not obliged to carry a label. However, on the basis of available information, it is irritant.

**Hazard Statements:**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### 16. Other Information

This information presented here is believed to be accurate and pertains only to the product when stored in a sealed condition, as prescribed above. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. Manufacturer shall in no way be liable for any claims, losses and damages of any third party, or for lost profits, or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, from the use of this product.