



## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

- a. Product name: Sodium Lauroyl Sarcosinate  
b. Recommended use of the chemical and restrictions on use: Surfactant  
c. Manufacturing Site: - **Wilmar HighPolymer Material (Lianyungang) Co., Ltd.**  
No.16, Xianghe Road, Banqiao Industries Park, Lianyungang  
Jiangsu, China 222066  
Emergency contact: Liu Juan  
Tel: +86 518 81196525  
Email: [liujuan@cn.wilmar-intl.com](mailto:liujuan@cn.wilmar-intl.com)

### 2. Hazards Identification

- a. Hazard classification: Non-dangerous material  
b. Label elements including precautionary statements  
● Pictograms: Not available  
● Signal words: Not available  
● Hazard statements: Not available  
● Precautionary statements: Not available  
c. Other hazards which do not result in classification (e.g. dust explosion hazard):  
Not available

### 3. Composition/Information on Ingredients

Product Description: Sodium Lauroyl Sarcosinate  
Product Code: LS-30  
Formula:  $C_{15}H_{28}NO_3Na$

Chemical name	Common name	CAS No	EINECS No	Content(%)
Sodium Lauroyl Sarcosinate	Sodium Lauroyl Sarcosinate	137-16-6	205-281-5	30
water	water	7732-18-5	231-791-2	70

### 4. First-aid Measures

- a. Eye contact  
Wear goggles. Wash eyes with plenty of water, obtain medical help if necessary.  
b. Skin contact  
Use hand gloves. Wash off with plenty of water, and obtain medical help if necessary.  
c. Ingestion  
Do NOT induce vomiting. Never give anything by mouth to an unconscious person.  
Rinse mouth with water, obtain medical help if necessary.  
d. Inhalation  
Remove to fresh air. If not breathing, give artificial respiration. Obtain medical help if necessary.  
e. Most important acute and delayed symptoms/effects:  
Prolonged or repeated exposure can cause: Not available  
f. First aid and notes for physicians: Not available

## 5. Fire Fighting Measures

- a. Suitable (and unsuitable) extinguishing media  
Use water, sand, dry powder or carbon dioxide.
- b. Specific hazards arising from the chemical (e.g. hazardous combustion products)  
Carbon monoxide (CO)/ Carbon dioxide (CO<sub>2</sub>) and Nitrogen oxides (NO<sub>x</sub>) may form during combustion.
- c. Special protective equipment and precautions for fire-fighters  
Wear self contained breathing apparatus and full protective gear for firefighting if necessary.

## 6. Accidental Release Measures

- a. Measures required for personal protection and protective equipment  
Use personal protective equipment. Avoid eye and skin contact directly with the product
- b. Measures required for environment protection:  
Do not let product enter drains.
- c. Clean-up and removal method  
Overflow or leak immediately isolated areas. Unnecessary personnel do not close to the overflow area. The floor may be slippery, take measures to prevent falls. With a mop, solvent or wet vacuum cleaner to collect the materials and place properly. Rinse the ground. When cleaning wear appropriate personal protective equipment. With a clean shovel move items to clean, dry container and remove the spill area.

## 7. Handling and Storage

- a. Precautions for safe handling  
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
- b. Conditions for safe storage (including incompatibilities)  
Sensitivity to cold; if the influence of the cold make the product thickness, freezing, allowed slowly thaw at room temperature and gently shake before use.

## 8. Exposure Controls and Personal Protective Equipment

- a. Exposure limits of the chemical substance, biological exposure limits and etc.  
None established.
- b. Appropriate engineering controls  
Use normal precautionary measures for handling chemicals.
- c. Personal protective equipment
  - Protection of respiratory system: Wear protective mask
  - Eye protection: Wear Safety glasses with side-shields
  - Hand protection: Wear protective gloves
  - Body protection: Wear protective clothing, safety shoes

## 9. Physical and Chemical Properties

- |  |                    |
|--|--------------------|
| a. Appearance (physical state, color, etc.): | Transparent liquid |
| b. Odor:                                     | Not available      |
| c. Odor threshold:                           | Not available      |
| d. pH:                                       | 7.0-8.5            |
| e. Melting point/freezing point:             | Not available      |
| f. Initial boiling point and boiling range:  | Not available      |

g. Flash point:	Not available
h. Evaporation rate:	Not available
i. Flammability (solid, gas):	Not available
j. Upper/lower flammable or explosive limits:	Not available
k. Vapor pressure:	Not available
l. Solubility:	Soluble in water
m. Vapor density:	Not available
n. Specific gravity:	Not available
o. Partition coefficient : n-octanol/water	Not available
p. Auto-ignition temperature:	Not available
q. Decomposition temperature:	Not available
r. Viscosity:	30 mPa.s max
s. Molecular weight:	Not available
t. Colour:	Colorless to slight yellow
u. Density:	Not available
v. Bulk density (20 °C):	Not available
w. Log P octanol / water:	Not available
x. Volatile Fraction by Weight:	Not available
y. Softening Point	Not available

## 10. Stability and Reactivity

- a. Chemical stability: Stable
- b. Possibility of hazardous reactions: Not available
- c. Conditions to avoid (e.g. static discharge, shock, vibration, etc.):  
Not available
- d. Incompatible materials: Strong oxidizing agents、Acid、Base.
- e. Hazardous decomposition products:  
Not available

## 11. Toxicological Information

- a. Information on the likely routes of exposure
  - (Respiratory system): Not available
  - (Oral): LD50:  $\geq 5000\text{mg/kg}$ (The rats oral)
  - (Eye, skin): Not available
- b. Delayed and immediate effects and chronic effects from short or long term exposure
  - Acute toxicity (All routes of possible exposure shall be mentioned.): Not available
  - Skin corrosion/irritation: Not available
  - Serious eye damage/eye irritation: Not available
  - Respiratory sensitization: Not available
  - Skin sensitization: Not available
  - Carcinogenicity: Not available
  - Germ cell mutagenicity: Not available
  - Reproductive toxicity: Not available
  - Specific target organ toxicity (single exposure): Not available
  - Specific target organ toxicity (repeated exposure): Not available
  - Aspiration hazard: Not available
- c. Numerical measures of toxicity (acute toxicity estimation (ATE), etc.): Not available

## 12. Effects on the Environment

- a. Aquatic and terrestrial ecotoxicity: Product should not get into water bodies without treatment.
- b. Persistence and degradability: Not available
- c. Bioaccumulation: Not available
- d. Mobility in soil: Not available
- e. Other adverse effects: Not available
- f. Acute fish toxicity: Not available
- g. Chronic bacteria toxicity: Not available

### 13. Disposal Considerations

- a. Disposal methods: Offer surplus and non-recyclable solutions to a licensed disposal company.
- b. Precautions for disposal (including the disposal method of contaminated containers and packages)  
Product and packaging should be disposed off in accordance with the local, state and federal regulations.

### 14. Transport Information

- a. UN number: Not available
- b. UN proper shipping name: Not available
- c. Transport hazard classes: Not available
- d. Packing group, if applicable: Not available
- e. Marine pollutant (yes/no): No
- f. Information on any special precautions, which a user needs to be aware of, or needs to comply with in connection with transport: Not available

### 15. Regulatory Information

- a. Industrial Safety and Health Law: Not available
- b. Toxic Chemical Control Law: Not available
- c. Dangerous Substance Safety Management Law: Not available
- d. Wastes Management Law: Not available
- e. Other regulations in domestic and foreign countries  
Observe prescribed Federal, State and Local measures for dealing with chemicals listed on EINECS (EU), TSCA-CSI (USA), DSL (Canada), AICS (Australia), ENCS (Japan), ECL (Korea), PICCS (the Philippines) and IECSC (China).

### 16. Other Information

- a. Sources of reference materials: Not available
- b. The first date of preparation: 2018-05-11
- c. Number of revision times and the latest revision date:  
0 version time and the latest revision date:
- d. Others  
This information presented here is believed to be accurate and pertains only to the product when stored in a sealed condition.  
The MSDS was updated in accordance to Globally Harmonised System (GHS) guidelines.  
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



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