

# Gree Industry Co.,Ltd

Chemical Zone,Gaoxin District 255000 Zibo City,Shandong China

## Material Safety Data Sheet

Product: LAS -90    MSDS No: SY003    version: 004    Date: 2025-05-05

### 1. Product and Company Identification

Product name: SODIUM DODECYL BENZENE SULFONATE 90

MSDS No.:GR003

Factory: Gree Industry Co., Ltd.

Address: Chemical Zone,Gaoxin District 255000 Zibo City,Shandong China

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### 2. Composition/information on Ingredients

Chemical Name: SODIUM DODECYL BENZENE SULFONATE;

SODIUM LINEAR ALKYL BENZENE SULPHONATE

CAS NO.:25155-30-0

Ingredients contributing to the Hazards:

SODIUM DODECYL BENZENE SULFONATE (Cas25155-30-0)	90±3%
WATER	3% Max
Sodium Sulfate (CAS 7757-82-6)	7%Max;
PH Value	9-11

### 3. Hazards Identification

#### 3.1 GHS Classification

Acute toxicity, Oral (Category 4)

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 1)

Acute aquatic toxicity (Category 2)

#### 3.2 GHS Label elements, including precautionary statements



Pictogram

Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H315

Causes skin irritation

H318

Causes serious eye damage.



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H401 Toxic to aquatic life.

**Precautionary statement(s)**

- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ eye protection/ face protection.
- P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
Rinse mouth.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P305 + P351 + P338 +P310 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/ container to an approved waste disposal plant.

**3.3 HMIS Classification**

**Health hazard:** 2

**Flammability:** 0

**Physical hazards:** 0

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** Causes eye irritation.

**Ingestion** Toxic if swallowed.

**4. First aid Measure**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.



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## 5. Fire-fighting measure

Extinguishing Media:

- Suitable: Water spray, Foam, Dry powder, Carbon dioxide( $\text{CO}_2$ )
- Specific hazards: During combustion, harmful or toxic vapors are released.
- Specific fire fighting methods: Cool down the containers/equipment exposed to heat with water spray.
- Protection of fire-fighter: Self-contained breathing apparatus.

## 6. Accidental release

Personal precaution: Appropriate gloves (PVC gloves).

Safety glasses.

Environment precaution: Prevent the product from spreading into environment.

Do not discharge into drain and river.

Stop the leak or spillage ASAP. For large spillage, contain the spillage by bounding.

Method for cleaning up:

-Recovery: Collect up the product and place it in a spare container with suitable label.

Keep the recovered product for subsequent disposal.

-Neutralization: Absorb non-recovered product liquid with dry sand or dry inert absorbent.

-Cleaning/decontamination: Then wash the floor with plenty of water.

Recover the cleaning water for subsequent disposal.

## 7 Handling and Storage

### HANDLING

Technical measure: Does not require any specific or particular measure.

Precaution: Avoid the formation of mist in the atmosphere.

Safe handling advice: Comply with the instruction for use.

### STORAGE

Technical measure: Take all necessary measure to avoid accidental discharger of product into drains and waterway due to the rapture of containers or transfer system

Storage condition: To guarantee the quality and properties of the product keep

-the container tightly closed.

-Avoid heat, sunshine directly

Stable under normal storage conditions, no specific storage condition requirement.

Incompatible material: strong Oxidizing agent, strong acid.

**Packaging material:**

-Recommended polyethylene

## 8. Exposure control/ personal Protection

Engineering measure: No specific measure is required provided the product is handled in accordance with the general rules of occupational hygiene and safety

**Personal protection Equipment:**

--Hand protection: Impermeable protective gloves (PVC gloves)



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--Eye protection: safety spectacles

**Collective emergency equipment:**

Eye fountain.

Safety shower and reliable tap water.

## 9. Physical and Chemical Property

### APPEARANCE

-Physical state: Solid powder

-Color: White to yellowish powder

-Odor: Odorless

-PH: 9~11

-Flammability characteristics: Not flammable material.

-Flash point (close cup) : >200 °C

-Oxidizing properties: Non oxidizing material according to EEC criteria

-Solubility: dissolved in water and most kinds of organic solvent.

## 10. Stability and Reactivity

Stability: Stable under normal conditions of use.

### Hazardous reactions

-Material to avoid: Strong oxidizing agent, strong acid and base.

-Hazardous decomposition: Not easy to decomposition.

Under high temperature, may generate some hazardous gas.

## 11 Toxicological information

Acute toxicity: LD 50 oral ( Rat) > 2000mg/Kg

Local effects: Repeated or prolonged contact may cause slight irritation to the skin.

Further information: Does not present any particular risk, on handling under normal conditions of good occupational hygiene practice.

## 12 Ecological information

Behavior in Environment:

Persistence /Degradability: Slightly biodegradable.

Destination of the product: No information available.

Ecotoxicity: no information available.

## 13. Disposal Consideration

### WASTE FROM RESIDUS

Prohibition: Discharging waste into rivers and drains is forbidden.

Destruction/Disposal: Dispose of in accordance with safety regulation.

### CONTAMINATION PACKAGING:

Decontamination/Cleaning: Carefully drain and then steam clean.

Destruction/Disposal: Clean the drum or container, reuse or incinerate them.





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#### 14. Transport information

##### 14.1 UN number

ADR/RID: - IMDG: - IATA: -

##### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

##### 14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

##### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

##### 14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

##### 14.6 Special precautions for user

No data available

#### 15. Regulatory information

National law & regulation:

Hazardous chemical safety management rules (Issued from state council in May, 2019)

Safely using and handling hazardous chemicals in workplace (Issued from Hygiene minister in May 2002)

These regulations have requirement about using, handling, storage, loading, unloading.

#### 16. Other information

Usage: As agricultural surfactant

Other information: Please contact with us if need other information.

This MSDS is compiled according to SODIUM DODECYL BENZENE SULFONATE supplied by CHUZHOU SUYUAN CHEMICAL CO., LTD. which provide quite detailed HSE information about this product. If this product mixed with other material in production or other application, user has to identify if there is any other hazards. All information listed in this MSDS are new and reliable, missing data willing be added in future updating. According to Chinese relevant regulation and law, safely use, handle, and disposal this product is the responsibility of user.

It is the responsibility of user and seller to transfer this MSDS to all the people who may have possibility of contacting this product during using, storing, loading & unloading, drum/container cleaning and so on.

