



Material Safety Data Sheet

1. Product and Company Identification

Product name: SODIUM DODECYL BENZENE SULFONATE 80PCT (LAS-80)

Factory: Mudanjiang Xiangda Chemicals Corp.

Supplier: Mudanjiang Xiangda Chemicals Corp.

Telephone Number: +86-453-6228414

Emergency Call: +86-453-6228414

Fax No: 86-453-6289889

2. Composition/information on Ingredients

Chemical Name: SODIUM DODECYL BENZENE SULFONATE 80PCT

Ingredients contributing to the Hazards:

SODIUM DODECYL BENZENE SULFONATE 80%

WATER,3%

INORGNAIC SALT,17%

3. Hazards Identification

Most important Hazards

Adverse human health effects: Irritating to skin

Irritating to eye.

Physical and Chemical hazards: noncombustible.

Other hazards: No specific hazards under normal conditions of use.

Classification/Specific hazards: According to Chinese criteria, this product classified as: Irritant.

4. First aid Measure

Inhalation: Move to fresh air. Make the effected person rest.

Skin contact: Wash immediately with plenty of water.

Eye contact: Immediately rinse with plenty of water for prolonged period whilst keeping eyes wide open.

Ingestion: Drink lots of water, then send to hospital immediately let doctor do further diagnosis or treatment.

5.Fire-fighting measure

Extinguishing Media:

-Suitable: Water spray, Foam, Dry powder, Carbon dioxide(CO₂).

-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)

--Eye protection: safety spectacles

Collective emergency equipment:

Eye fountain.

Safety shower and reliable tap water.

9. Physical and Chemical Property

APPERANCE

-Physical state: Solid powder

-Color: White to yellowish powder



- Odor: Odorless
- PH: 8.5~10.5
- 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 sight irritation to the skin.

Further information: Does not prevent 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.

14. Transport information

Land

-Rail/road(RID/ADR): NOT restricted.

Sea (IMO/IMDG): No marine pollution

Air Not restricted.

Given the possible evolution of transport regulations for hazardous material, it would be advisable to check their validity with your sales office.



15. Regulatory information

National law & regulation:

Hazardous chemical safety management rules (Issued from state council in May, 2002)

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

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