

# Chemical Safety Data Sheet

Revision Date: January 1, 2020

Product Name: Sodium Dodecyl-benzenesulfonate

## Part 1: Chemicals and Company Identification

Chinese Name of Chemical: Sodium Dodecyl-benzenesulfonate

English Name of Chemical: Sodium dodecyl-benzenesulfonate; SDBS

Company Name: Hainan Hua Yangshun Import and Export Co., Ltd

Company Address: Longqiao town, Longhua district, Haikou, Hainan, China.

## Part 2: Overview of Hazards

This product is basically non-toxic. Its concentrated solution has a certain irritating effect on the skin. At present, no occupational poisoning has been reported.

## Part 3 Ingredients/Composition Information

Molecular Formula:  $C_{18}H_{29}NaO_3S$

Molecular Weight: 348.47

CAS Number: 25155-30-0

## Part 4: First Aid Measures

Skin Contact:	Remove contaminated clothing and rinse with flowing water.
Eye Contact:	Immediately open the upper and lower eyelids and rinse with running water for 15 minutes. Seek medical attention.
Inhalation:	Get out of the polluted environment and go to fresh air. Seek medical attention.
Ingestion:	If swallowed, cover mouth, give plenty of warm water, induce vomiting, and seek medical attention.

## Part 5: Firefighting measures

No reference materials

## Part 6: Emergency treatment of leakage

Wear gas mask and gloves. Avoid dust, sweep carefully, collect and transport to an open place for incineration. If there is a large amount of leakage, collect and recycle or discard after harmless treatment.

### Part 7: Operation, disposal and storage

**Operation precautions:** Closed operation, local exhaust. Prevent dust from being released into the workshop air. Operators must be specially trained and strictly abide by the operating procedures.

**Storage precautions:** Store in a cool and ventilated warehouse. Keep away from fire and heat sources. Prevent direct sunlight. Keep the container sealed. It should be stored separately from oxidants, acids and alkalis. Be careful when handling to prevent damage to the packaging and containers.

### Part 8: Contact control/personal protection

Contact control:	The production process is closed and ventilation is strengthened.
Respiratory system protection:	Workers should wear masks.
Eye protection:	Generally no special protection is required.
Protective clothing:	Wear work clothes.
Hand protection:	Wear chemical-resistant gloves when necessary.

### Part 9: Physical and chemical properties

Appearance and properties: White to light yellow flakes, odorless, small particles or powder.  
Main use: used as detergent, anionic surfactant.

### Part 10: Stability and reactivity

Stability: Stable under normal conditions

### Part 11: Toxicological data

Toxicity: LD50: Rat oral: 1260mg/kg  
Skin irritation or corrosion: No data  
Eye irritation or corrosion: No data.  
Respiratory or skin allergy: No data.  
Germ cell mutagenicity: No data.  
Carcinogenicity: No data.  
Reproductive toxicity: No data.  
Specific target organ systemic toxicity - single exposure: No data.  
Specific target organ systemic toxicity - repeated exposure: No data  
Inhalation hazard: No data.

### Part 12: Ecological data

Ecotoxicity: No data  
Persistence and degradability: No data.  
Potential for bioaccumulation: No data.  
Mobility: No data.

### **Part 13: Waste Disposal**

Waste Disposal Method: No data

Waste Precautions: Refer to relevant national and local regulations before disposal.

### **Part 14: Transportation Information**

Packaging Method: Polypropylene woven bags for the outside, polyethylene plastic bags for the inside, or paper-plastic composite bags, kraft paper bags, etc.

Marine Pollutants (Yes/No): No.

Transport Precautions: The packaging should be complete and the loading should be secure at the time of shipment.

### **Part 15: Regulatory Information**

Regulatory Information: No data

### **Part 16: Other Information**

Latest revision information: January 1, 2020

Filling date: January 20, 2020 Compiled by: Safety Department

Data Review Unit: Company Office

Reference: 《Chemical Technical Specification Content and Item Sequence》