Guangzhou Monsa Chemical Co., Ltd
Material Safety Data Sheet

Version 1
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1、Chemical Product and Company Identification

Trade name	MONSA® SLS-29
INCI Name	Sodium Lauryl Sulfate
Company Identification	Guangzhou Monsa Chemical Co., Ltd
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2、Hazards Identification

Invasive Way	Inhalation, ingestion, percutaneous absorption
Health Hazards	Irritation to skin, eyes and moderate, intake to stimulate the digestive tract, inhaled particulate, mist products to stimulate the respiratory tract. Permanent damage to the eyes may.
Environmental Hazards	The product and its subsequent improvement without harm to the environment. Advice when used in accordance with the relevant provisions, and to avoid pollution of the environment.
Other Hazards	Unknown

3、Composition, Information on Ingredients

Chemical Structure	CH3(CH2)nOSO3Na, n=11
Active Ingredient	(28.0-30.0)%
CAS No.	68585-47-7

4、First Aid Measures

Eye Contact	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.
Skin Contact	In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse. Skin contact may aggravate existing skin disease.
Inhalation	Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
Ingestion	If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.
Note to Physician	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

5、Fire Fighting Measures

Unusual Fire and Explosion Hazards	Product will burn under fire conditions. Closed containers may explode(due to the build-up of pressure) when exposed to extreme heat.
Hazardous Decomposition Materials(Under Fire Condition)	Oxides of Sulphur and oxides of Carbon.
Suitable Extinguishing Media	Small fires: dry chemical, carbon dioxide. Large fires: water jet(frothing possible).
Exposure Hazards During Fire	None

Special Protective Equipment	Protective clothing and self-contained breathing equipment should be available for firefighters.

6、Accidental Release Measures

Cleanup and Disposal of Spill	Absorb with inert material (eg. dry sand, vermiculite). Sweep up and place in an appropriate closed container. Clean up residual material by washing area with water. Collect washings for disposal.
Environmental and Regulatory Reporting	Do not flush to drain. Spills may be reportable to the National Response Centre and to state and/or local agencies.

7、Handling and Storage

Handling	Avoid breathing vapours and mists. Avoids direct or prolonged contact with skin and eyes. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.
Storage	Ship and store between 18-49°C(64-120°F). Store in a tightly closed container. Store in an area that is dry, well-ventilated , away from ignition sources, away from incompatible materials. Storage temperature: 30~40°C. Storage duration: 12 Months.

8、Exposure Controls, Personal Protection

Exposure Controls	No exposure limits were found for this product or any of its ingredients.
Engineering Controls	Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.
Respiratory Protection	When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

	For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.
Eye/Face Protection	Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through the use of chemical safety glasses with side shields or splash proof goggles. Emergency eyewash must be readily accessible to the work area.
Skin Protection	Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing(i.e. shirts and pants). Consideration must be given both to durability as well as permeation resistance.
Work Practice Controls	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3. Wash exposed skin promptly to remove accidental splashes of contact with the material.

9、Physical and Chemical Properties

Appearance	Clear to hazy, colorless to pale yellow liquid.
Odor	Slight odor.
PH(10%AQ.SOLN.)	11.0-12.0
Boiling Point	＞100℃@760mmHg
Vapour Pressure	＜23.5mmHg@25℃
H2O Solubility	Soluble.
Freezing Point	＜15℃
Percent Volatile	71
Specific Gravity	＞1@25℃

10、Stability and Reactivity

Stability	Stable under Norman handling and storage conditions described in Section 7.
Conditions to Avoid	Excessive heat, open flame and spark.
Materials to Avoid	Strong acids, strong oxidizing agents and strong reducing agents.
Hazardous Decomposition Products	Thermal decomposition may produce hydrogen sulphide, oxides of Sulphur and oxides of Carbon.
Hazardous Polymerism	Will not occur.

11、Toxicological Information

The substance does not belong to toxic substances.

Acute Oral Toxicity	Moderately toxic: LD50 >2000 mg/kg , Rat Skin =
Skin Irritation	skin irritation, rabbit, severely irritating. Eye = eye
Eye Irritation	irritation, rabbit, severely irritating.
Chronic Toxicity	This product does not contain any substances that are considered by OSHA, NTP, IARC or AGGIH to be "probable" or "suspected" human carcinogens. No additional data found for product.

12、Ecological Information

Biodegradability	＞99%
Rapid biodegradability	＞60%

13、Disposal Considerations

Waste Disposal Method	Chemical additions, processing or otherwise altering this material may make the waste management information presented in the MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.
Container Handling and Disposal	Any containers or equipment used should be decontaminated immediately after use.

14、Transport Information

Transportation Status: Important statements below provide additional data on

listed DOT Classification.
The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US Department of Transportation: Shipping Name: Not regulated.

15、Regulatory Information

Inventory status: Inventory	Status
United States(TSCA)	Y
Canada(DSL)	Y
Europe(EINECS/ELINCS)	Y
Australia(AICS)	Y
Japan(MITI)	Y
South Korea(KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list.

All other ingredients are on the inventory or exempt from listing.

Federal Regulations: Inventory Issues: All functional components of this product are listed on the TSCA Inventory.

SARA TitleIII Hazard Classes: Fire Hazard -No
Reactive Hazard -No
Release of Pressure -No
Acute Health Hazard -Yes
Chronic Health Hazard -No

Other Federal Regulations: This product meets the compositional requirements of :

21 CFR175.105 ADHJESIVES

21 CFR 175.300 RESINOUS AND POLUMERIC COATINGS 21 CFR175.390 ZINC-SILICON DIOXIDE MATRIX COATINGS 21 CFR 176.170 COMP'TS OF PAPER/PAPERABOARD CONT/ AQUEOUS & FATTY ACIDS

21 CFR176.180 COMP'TS OF PAPER/PAPERABOARD

	CONT/DRY FOOD 21 CFR 176.210 DEFOAMING AGENTS USED INOFPAPER & PAPERBOARD
State Regulations:	This product contains the following components that are regulated under California Proposition 65:

16、Other Information

National Fire Protection Association Hazard Ratings---NFPA(R):

2 Health Hazard Rating --- Moderate.

1 Flammability Rating --- Slight.

0 Instability Rating --- Minimal.

National Paint & Coating Hazardous Materials Identification System---HMIS(R):

2 Health Hazard Rating --- Moderate.

1 Flammability Rating --- Slight.

0 Reactivity Rating --- Minimal.

The above information is given in good faith, but no guarantee. It is intended to describe our products from point of view of safety requirements.