

SECTION 1

Identification of the substance/mixture and of the company/undertaking

Product Information

Product Name	Supersurf DLS 95
Item	Disodium Lauryl Sulfosuccinate
CAS No.	26838-05-1

Manufacturer Information

MAHA (CHINA) NEW MATERIAL TECHNOLOGY CO. LTD.
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SECTION 2

Hazards identification

Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Acute toxicity (oral)	Category 4	H302
Skin irritation	Category 2	H315
Serious eye damage	Category 1	H318

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Label elements

Labelling (CLP)

Pictogram



Signal word

Danger

Hazard statements

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Precautionary statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER/doctor.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Other hazards

No data available.

SECTION 3

Composition/Information on ingredients

Component	Percentage (%)	CAS No.
Disodium Lauryl Sulfosuccinate	≥ 95.0	26838-05-1

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Water	≤ 5.0	7732-18-5
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SECTION 4

First aid measures

Description of first aid measures

In case of inhalation	In the event of symptoms seek medical treatment.
Following skin contact	Wash with plenty of water immediately, consult a doctor if skin irritation persists.
After eye contact	Rinse with flowing water or normal saline immediately, seek medical attention.
After swallowing	Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.

SECTION 5

Fire-fighting measures

Extinguishing media

Suitable extinguishing media Foam, carbon dioxide, dry powder, water spray.

Unsuitable Full water jet extinguishing media.

Special hazards arising from the substance or mixture

In case of fire the following may be liberated: Sulfur oxides, carbon monoxide and carbon dioxide.

Advice for firefighters

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit.

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SECTION 6***Accidental release measures*****Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective equipment. Forms slippery surfaces with water. Keep away from sources of ignition.

Environmental Precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary, notify appropriate authorities.

Methods and materials for containment and cleaning up

Collected by common plastic container. Clean up residual material by water. Collect washings for disposal.

SECTION 7***Handling and storage*****Precautions for safety handling**

Advices on safe handling Avoid the formation and deposition of dust. Provide exhaust ventilation if dust is formed.

Hygiene measures Do not eat, drink or smoke when working. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Avoid dust generation.

General protective measures Do not inhale dust, avoid contact with eyes and skin.

Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion Take precautionary measures against electrostatic loading. Keep away from sources of ignition - no smoking. Dust can form an explosive mixture with air.

Storage

Ship and store between 0-40°C. Store in cool and dry place, avoid sunshine and rain.

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SECTION 8

Exposure controls/personal protection

Control parameters

Ingredients	Statutory basis/list (Update)	Value type (Form of exposure; expressed as)	Value	Short-term
	TRGS 900 (2006)	(A)	3 mg/m ³	2(II)
Total dust	TRGS 900 (2006)	(E)	10 mg/m ³	2(II)

Contains no substances with occupational exposure limit values.

Engineering control method

Ensure that the workplace is well ventilated and the concentration of the substance in the air should be controlled below the contact limit.

Routes of exposure

Inhalation, long term	Possible health damage: Systemic effects DNEL/DMEL values: 8 h Dose: 31.1 mg/m ³
Skin, long term	Possible health damage: Systemic effects DNEL/DMEL values: 8 h Dose: 66.2 mg/m ³

Personal protection equipment

Occupational exposure controls

Respiratory protection	When pouring out, please put on the mask. In case of formation of vapours/dusts: Short term: filter apparatus, Filter P2.
Hand protection	Skin contact should be minimized through use of gloves, the gloves must meet EC standard 89/686 / EEC and EN37 regulation.

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Eye protection	Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.
Body protection	Wear suitable protective clothing.
Remarks	The above information based on normal operation. Pay special attention if handling at high temperatures or special conditions.

SECTION 9

Physical and chemical properties

Information on basic physical and chemical properties

a) Appearance	White to off white powder
b) Odour	Slight typical odour
c) pH (1% water solution)	5.0 -7.0
d) Solid content (%)	≥ 95.0
e) Pass rate of 150 meshes,% (~100um particle size)	≥ 85.0
f) Pass rate of 200 meshes,% (~74um particle size)	≥ 75.0
g) Melting point	221°C
h) Water (%)	≤ 5.0
i) Boiling point	290°C
j) Active matter (%)	≥ 80.0
k) Explosion limits	No data available
l) Sodium sulfite (%)	≤ 0.5
m) Flash point	No data available

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SECTION 10***Stability and reactivity*****Chemical stability**

Stable under regular environment temperature and conditions.

Possibility of hazardous reactions

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

Conditions to avoid

Fire, high temperatures, incompatible materials.

Incompatible materials

No data available.

Hazardous decomposition products

None known, if handled and stored properly.

SECTION 11***Toxicological information*****Information on toxicological effects**

Inhalation hazard	May be harmful if inhaled for long periods of time.
Skin corrosion/irritation	May cause skin irritation.
Eye damage/irritation	May cause eye irritation.
Respiratory sensitisation	No data available.
Skin allergy	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	Not Restricted – IARC, ACGIH, NTP or OSHA.

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Reproduction toxicity	No data available.
Specific target organ systemic toxicity	No data available.
Toxicological information	Oral rat LD50: 580mg/kg

SECTION 12

Ecological information

Toxicity

No data available.

Biodegradability

Easily biodegraded.

Aquatic toxicity

Fish

Semi-static

Type: zebra fish

Exposure time: 96h

LC50: 18 mg /L

Invertebrate

Static

Type: water flea

Exposure time: 48h

EC50: 18 mg /L

Algae/ aquatic plants

Static testing: rate of rise

Type: chain belt algae

Exposure time: 72h

EC50: 46 mg /L

Mobility in soil

No data available.

Bioaccumulation

No data available.

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Other adverse effects

Do not allow to enter into ground-water, surface water or drains.

SECTION 13

Disposal considerations

Chemical waste

Recycle and reuse as much as possible.

Contaminated packaging

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. If packaging is reused, it should be washed and ensured that no residue is left.

Disposal precaution

Dispose of in accordance with nation and local regulation.

SECTION 14

Transport information

UN number		
ADR/RID: -	IMDG: -	IATA: -
UN proper shipping name		
ADR/RID: Not regulated		
IMDG: Not regulated		
IATA: Not regulated		
Transport hazard class(es)		
ADR/RID: -	IMDG: -	IATA: -
Packaging group		
ADR/RID: -	IMDG: -	IATA: -
Weight of package		
25kg (n.w.) per bag		

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Package classification

Compound bag.

Transportation precaution

The transportation of the product applies to airway, railway, highway, waterway, seaway. Protect it from sunlight and rain when transiting and comply with the relevant safety rules of transportation.

SECTION 15***Regulatory information***

Water contaminating class	Low hazard to waters
Risk classification	None.
Other regulation	ZH 1/24.2 "Data Sheet: Use of dangerous working substances" BG Info Sheet M 050 "Activities Involving Hazardous Substances" Special local regulations must be adhered to when using products containing irritating or corrosive substances.

SECTION 16***Other information***

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