

Version 1
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name	MONSA® AOS-92
INCI Name	Sodium Alpha-olefin Sulfonate
Company Identification	Guangzhou Monsa Chemical Co., Ltd
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2. HAZARDS IDENTIFICATION

Eye contact	May cause significant eye irritation.
Skin contact	May cause significant skin irritation especially If exposure is prolonged and/or repeated.
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product description.	Sodium C14-16 olefin Sulfonate
CAS Number	92% 68439-57-6
EINECS Number	270-407-8

4 FIRST AID MEASURES

Eye contact	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.
Skin contact	For skin contact flush with large amounts of water.If irritation persists, get medical attention.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air.If symptoms persist, get medical attention.If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion	If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.
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5 FIRE-FIGHTING MEASURES

Extinguishing Media	Powder, foam, sand, water spray.
Unsuitable Extinguishing Media	Avoid using large quantities of water.
Special fire-fighting protective equipment	In case of fire, self contained breathing apparatus should be worn.
Combustion products	Fumes containing carbon dioxide, carbon monoxide, sulphur dioxide may be formed in large fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Refer to section 8 for proper personal protective equipment.
Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Dispose of in accordance with Federal, State and local authority regulations.
Other information	Surfaces may become slippery after spillage.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Wash thoroughly after handling. As all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage	Store in plastic, plastic lined or stainless steel, tightly closed containers at 15~40°C Do not store close to strong oxidizing agents which could aggravate any fire situation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	Provide adequate ventilation.
Eye protection	Safety goggles recommended.
Skin protection	Protective overalls and safety shoes/boots recommended. Impervious gloves recommended.
Hand protection	Not required.
Respiratory protection	Eyewash and safety shower easily accessible to the work area.
Other	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White solid, powder
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Odour:	Characteristic
Boiling Range/Point(oC):	> 100 °C
Relative Density (20 oC):	0.20-0.50
Water Solubility (20 oC):	Soluble
Solubility in ethanol(20 oC):	Soluble
Flash Point (oC) :	X

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Avoid strong oxidizing agents.
Incompatibility	This product may react with strong acids or oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

LD50 Value Oral LD50 (rat) >2000mg/kg

May cause some irritation of the mouth and upper digestive tract. May produce significant skin irritation after prolonged contact. May cause significant eye irritation.

12. ECOLOGICAL INFORMATION

Do not release into surface waters.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal	Dispose of in accordance with all applicable local and national regulation.
Contaminated packaging	Empty container retains product residue. Observe all hazard precautions.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

The information contained in this document is intended to describe the product only in terms of health, safety and environmental requirements for the purposes of its safe handling, use and disposal and is to the best of Guangzhou MONSA's knowledge and belief correct. Guangzhou MONSA's technical services will be pleased to give further advice and assistance but customers must satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purpose and conditions of use and that their facilities and arrangements are suitable for handling or using the product.

The information does not comprise a technical or performance specification for the product and customers are preferred to any relevant product technical information or specification issued by Guangzhou MONSA.