Guangzhou Monsa Chemical Co., Ltd
Material Safety Data Sheet

Version 1
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1.IDENTIFICATION OF THE SUBSTANCE

Trade Name	MONSA® CTAC-30
INCI Name	Cetyl Trimethyl Ammonium Chloride
Company Identification Address	Guangzhou Monsa Chemical Co., Ltd Room 1119，11th Floor , 2# Building，International Creative Community, Beitai Rd, Baiyun District, Guangzhou
Postal Code	510000
Tel	86-020-31520674
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2. COMPOSITION AND INFORMATION ON INGREDIENTS

a . Component: Cetyl Trimethyl Ammonium Chloride 29%
CAS: 112-02-7
EC No.: 203-928-6

b. Component: water 71%
CAS: 7732-18-5
EC No.: 231-791-2

3. HAZARD IDENTIFICATION

NFPA least=0, slight=1, moderate=2, high=3,
extreme=4 Flammability: 0
Reactivity: 0
Health: 2
Hazard data: N/A
Class or division: N/A

4. FIRST-AID MEASURES

Inhalation:	if breathed in, Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact:	wash off with soap and plenty of water. Consult a physician
Eye contact:	Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.
Ingestion:	Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

5、 FIRE-FIGHTING MEASURES CONDITIONS:

Flash point:	>100℃ (closed-up flash point test)
Flammability:	N
Hazardous combustion products:	N/A
Means of extinction:	N/A
Upper explosion limit (% by vol):	N/A
Lower explosion limit (% by vol):	N/A
Explosion sensitivity to impact:	N/A
Chemical sensitivity to static discharge:	N/A
Auto-ignition:	N/A
Rate of burning:	N/A
Explosive power:	N/A
Tdg / whmis:	non hazardous / e, d2b
Fire extinguishing materials:	Water spray, dry chemical, sandy soil, chemical foam or carbon dioxide, Special fire fighting procedures: incipient fire responders should wear eye protection and self-breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid inhalation of dust and contact with skin and eyes. Use work methods Which minimise dust production. For personal protection. See section 8.
Environmental precautions:	Do not discharge into drains, water courses or onto the ground. Absorb with liquid-binging material (sand, diatomite, acid, binders, universal binders, sawdust).
Methods for Cleaning up:	Dispose contaminated material as waste according to see section 13.Ensure adequate ventilation.

7.HANDLING AND STORAGE

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame, Store in a tightly closed container, Incompatibilities: oxidants, acids and food.

8. EXPOSURE CONTROLS-PERSONAL PROTECTION

Recommended engineered controls: use with adequate ventilation. Wear impervious protective clothing, rubber gloves, chemical safety goggles of filtering gas mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	colorless to light yellow transparent liquid
Odor:	weak penetrating odor
Flash point:	>100℃ (closed-up flash point test)
PH value:	6-8
Solubility in water:	miscible
Vapor density:	N/A
Evaporation rate (water=1):	N/D
Specific gravity:	N/D
Melting point or range℃:	N/A
Boiling point:	N/D
Vapor pressure, mm hg @ 20℃:	N/A

10. STABILITY AND REACTIVITY

Stability:	stable
Incompatible Materials:	none known
Hazardous polymerization:	will not occur

11.TOXICOLOGICAL INFORMATION

Route of entry – skin contact:	Y
Route of entry – skin absorption:	N
Route of entry – eye contact:	Y
Route of entry – inhalation:	N
Route of entry – ingestion:	Y
Reproductive effects:	N
Carcinogenicity:	N
Mutagenicity:	N
Teratogenicity:	N
TLV:	N/D
Effects of overexposure:	
Acute effects:	Inhalation may be irritating. Irritation of mucous mombranoc of mouth and throat causing nausea abdominal pain and diarrhea if ingested. Irritation of eyes and skin on contace.
Chronic effects:	Repeated skin contact may lead to defatting dermatitis.

12. ECOLOGICAL INFORMATION

Environmental stability:	This product should be stable under normal environmental conditions.
Effect of material on plants or animals:	No direct effect have been submitted an harmful evidence to human consumption. Effect of chemical on aquatic life: No evidence has proven it detrimental to marine life.

13. DISPOSAL CONSIDETATIONS

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Uncleaned Recommendation:	Disposal must be made according to official regulations.
Package:	

14. TRANSPORTATION INFORMATION

IATA

Proper shipping name:	Cetyl Trimethyl Ammonium Chloride
Packing group:	N/A
Dot label (s) required:	N/A
Emergency response guide number:	N/A

15. REGULATORY INFORMATION

Iecsc (CHINA)

16. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposed of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the Product. However, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. Read the label before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.