



# Material Safety Data Sheet

## 1831

**Company/Undertaking Identification**

Guangzhou Plant Chain Beauty Technology Co., Ltd.

Address: 707, Building 6, Industrial Innovation Park, High-tech Zone, No.13-19, Ketai Second Road,  
Private Science and Technology Park, Baiyun District, Guangzhou. PR. China

Telephone +86-020-31477707

Emergency telephone number

Plant Chain: Tel. +86-020-31477707

**Manufacturer**

Shanghai Zhongxiang Fine Chemical Co., Ltd

Address: Building 3,276, Lane 705, Nanxiang Town, Jiading District, Shanghai

Contact number: 021-59250006

Emergency contact number: 021-59250006

**Part 1: Component identification**

Trade Name:1831

INCI Name: STEARTRIMONIUM CHLORIDE

**Part 2: INGREDIENTS/INFORMATION ON INGREDIENTS**

| INCI name               | CAS       | Percent (% w/w) |
|-------------------------|-----------|-----------------|
| STEARTRIMONIUM CHLORIDE | 112-03-8  | 68.0-72.0       |
| Alcohol                 | 64-17-5   | 14.0-16.0       |
| Water                   | 7732-18-5 | 14.0-16.0       |

**Part 3: Hazard Identification**

Classification of the substance or mixture

Acute toxicity - Oral, Category 4

Acute toxicity - Dermal, Category 3

Skin corrosion, Category 1C



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Serious eye damage, Category 1

Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 1

GHS label elements, including precautionary statements

Pictogram(s)

Signal word

Danger

Hazard statement(s)

H302 Harmful if swallowed

H311 Toxic in contact with skin

H314 Causes severe skin burns and eye damage

H410 Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

Prevention

P264 Wash ... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

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

P273 Avoid release to the environment.

Response

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see ... on this label).

P361+P364 Take off immediately all contaminated clothing and wash it before reuse.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTER/doctor





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

P391 Collect spillage.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to ...

Other hazards which do not result in classification none

### Part 4 First Aid Measure

Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms/effects, acute and delayed

no data available

Indication of immediate medical attention and special treatment needed, if necessary

no data available

### Part 5 Fire protection measures

Extinguishing media

Suitable extinguishing media



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Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

no data available

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Part 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Part 7 Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place..

### Part 8 Exposure control and personal protection

Control parameters

Occupational Exposure limit values no data available

Biological limit values no data available



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Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards no data available

### Part 9 Physical and chemical information

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| Appearance                                   | Colorless to pale yellow viscous Fluid |
| Color                                        | No data                                |
| Odor / Odor threshold                        | characteristic                         |
| pH                                           | 6.0-9.0(1% Sol.)                       |
| Melting point                                | 232-234°C                              |
| Initial boiling point and Boiling range:     | No data                                |
| Evaporation rate                             | No data                                |
| Flammability (solid, gas)                    | No data                                |
| Upper/lower flammability or explosive limits | No data                                |
| Vapor pressure                               | 33 mmHg at 20°C                        |
| Solubility                                   | Soluble                                |



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|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Vapor density                             | >1                                  |
| Relative Density                          | 0.97                                |
| Partition coefficient ( n-octanol/water ) | No data                             |
| Flash Point                               | Alcohol                             |
| Molecular Formula                         | C <sub>21</sub> H <sub>46</sub> ClN |
| Viscosity                                 | No data                             |
| Molecular weight                          | 348.05                              |

### Part 10 Stability and reactivity

Stability : Stable under normal temperature and pressure

Conditions to Avoid : moisture or water causing lump situation.

Incompatible materials : Oxidizing agents

Incompatibility: Strong oxidising substances

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced

### Part 11 toxicological information

Acute Toxicity: CAS# 112-03-8:: Skin, rabbit: LD50 = 4300 uL/kg/24h;

Chronic Toxicity: Have irritation to the skin and mucous membrdane but have strongly irritant.to eye irritation.

Inhalation: Inhalation of aerosols: May cause irritation to the respiratory system.

Skin contact: Degreasing effect on skin

Eye contact: Risk of serious damage to eyes. Immediate first aid is necessary.

Ingestion: Harmful if swallowed. May cause nausea, stomach pain and vomiting. Specific effects: None known.

Mutant: No data available.

Carcinogenic: CAS# 112-03-8: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Teratogenicity: No information available.

### Part 12 Ecological information



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Ecotoxicity: Very toxic to aquatic organisms.

Alkyltrimethylammonium chloride ( $0.001 < EC_{50} \leq 0,01$  mg/l ):

LC<sub>50</sub> (Danio rerio, 96 hours): 1.2 mg/l (OECD Test Guideline 203)

EC<sub>50</sub> (Daphnia magna, 48 hours): 0.03 mg/l (OECD Test Guideline 202)

IC<sub>50</sub> (Pseudokirchneriella subcapitata, 72 hours): 0.008 mg/l (OECD Test Guideline 201)

Biodegradability: The product is easily biodegradable ,approx. 70% (FeF Chemicals A/S, 1993).

Biological Accumulations: Bioaccumulation is not expected to be bioaccumulable.

Mobility: The product is water soluble and may spread in water systems

Note : The product is considered to be a strong water pollutant Do not allow to enter soil, waterways or waste water canal.

### Part 13 Disposal precautions

**Disposal Instructions:** When discarding or disposal of this substance, must according to the local government regulations,e.g.<Hazardous Chemical Safety Management Regulations> issued by Chinese government and American Federal regulation (40CFR 261, 262, 263, 264) and etc. Burn in a chemical incinerator equipped with afterburner and scrubber.

### Part 14 Transportation information

Hazardous Goods Code:8

UN Number: 1759

Hazard Class/Division: not available

Packing Group: III

Package: 45/130kg plastic bucket.

Transport Instruction: During transportation, it should be avoid insolation, drench and excess high temperature.

Keep away from fire and hot producer..

Land –Road /Railway: not restricted

Inland waterways: not restricted

Sea : not restricted

Airs : not restricted





### Part 15 Regulatory information

Safety, health and environmental regulations specific for the product in question:

EU Regulation

EU Directive 67/548/EEC: Not regulated

EU CLP regulation (EC) No 1272/2008: Not regulated

US Regulation

OSHA Regulation (Standard-29 CFR) 1910.119 : Not regulated

CERCLA SARA Title III Section 313: Not regulated

CERCLA Reportable Quantities: Not regulated

CERCLA SARA Title III Section 304: Not regulated

CERCLA SARA Title III Section 302: Not regulated

Toxic Substance Control Act (TSCA) Inventory: All components are registered.

International Regulation

INCI(International Nomenclature of Cosmetic Ingredients):

Quaternary ammonium compounds - Antistatic, Hair conditioning

International Council of Chemical Associations (ICCA) HPV Chemicals Programme

Water- regulated

OECD/High Production Volume (HPV) Chemicals Programme :

Stockholm Convention on Persistent Organic Pollutants (POPs): Not regulated

Montreal Protocol: Not regulated

### Part 16 Other information

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. It is provided without any warranty. It is the user's responsibilities to observe and comply with applicable products or information mentioned herein.