



Material Safety Data Sheet

BTC 95

Company information

Guangzhou Plant Chain Beauty Technology Co., Ltd.

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Manufacturerfactory

Shanghai Zhongxiang Fine Chemical Co., Ltd.

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Contact number: 021-59250006

Emergency call: 021-59250006

Section 1

Trade name :BTC 95

INCI name: BEHENOYL PG-TRIMONIUM CHLORIDE

Section 2: Composition/composition information

Composition	CAS No.	Percentage %
BEHENOYL PG-TRIMONIUM CHLORIDE	69537-38-8	≥99.0
water	7732-18-5	≤1.0

Section III: Hazard Identification



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Risk Category: No data

UN No.: No information

Invasion route: inhalation, ingestion, percutaneous absorption.

Health hazards: may cause serious eye irritation and possible injuries. Causing irritation to skin and respiratory tract.

Inhalation: causing respiratory tract irritation

Ingestion: may cause irritation to the digestive tract. It may be harmful if swallowed

Skin contact: degreasing to skin

Eye contact: has serious harm. Causing severe eye irritation may lead to corneal damage.

Chronic: the impact may be delayed.

Environmental hazards: This product is considered as a powerful water pollutant, which is highly toxic to aquatic organisms.

Explosion hazard: no data.

Section 4: First aid measures

Skin contact: immediately take off contaminated clothes and rinse continuously with a large amount of clean water for at least 15~20 minutes. If there is no burn, wash the skin with soap and clean water. See a doctor.

Contaminated clothes need to be washed before reuse.

Eye contact: take out any contact lenses and open the eyelids as much as possible. Immediately rinse them with plenty of clear water continuously for at least 15~20 minutes. If the stimulation continues, continue flushing during Going to the hospital. See a doctor.

Suction: quickly move to the fresh air. Keep respiratory tract unobstructed. Such as dyspnea, oxygen delivery. If breathing stops, perform artificial respiration.

Eat and drink: rinse your mouth immediately and drink plenty of water. Do not induce vomiting unless executed by medical personnel. Do not give anything to the unconscious by mouth. See a doctor immediately.

Precautions for doctors: actively treat according to symptoms.

Section 5: fire control measures

Hazard characteristics: no data.



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Harmful combustion products: gases (HCl, NO_x) that are harmful to health may be formed in fire. This product can cause dust explosion when the quantity is sufficient and the particle size is appropriate.

Fire extinguishing method and extinguishing agent: when on fire, wear positive pressure self-supporting breathing device and full set of protective equipment approved by MSHA/NIOSH or equivalent. Use foam, carbon dioxide, dry powder and water mist to extinguish the fire.

Section 6: Accidental release measures

Personal preventive measures: use appropriate protective clothing and equipment. Avoid inhaling fog and touching skin and eyes.

Environmental protection measures: it is not allowed to be discharged into sewers, drainage ditches or the ground.

Cleaning method: after cleaning with adsorptive materials, collect and put them in appropriate treatment containers. Ensure good ventilation.

Large amount of leakage: use sand, sawdust or other adsorptive materials to intercept and absorb leaked substances.

Small spillage: use appropriate adsorptive materials to absorb spillage. Wash contaminated areas with plenty of water

Emergency treatment: cut off the leakage source as much as possible. Evacuation Area: Wear appropriate personal protective equipment. Ventilation area: use inert materials such as vermiculite and sand to absorb the leakage, clean it and put it into appropriate containers for treatment. Wash contaminated surfaces to remove residues.

Section 7: processing and storage

Allowable Concentration: no data.

Monitoring Method: No data

Engineering control: the place where this product is stored or used shall be equipped with eye washer and safe shower facilities. Use good ventilation to minimize the concentration of this product in the air.

Sanitary measures: do not eat, drink or smoke when using. Wash your hands after contact.

Respiratory Protection: wear NIOSH/MSHA approved respirator under special circumstances.

Eye/face protection: wear chemical goggles and masks.



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Body Protection: Wear appropriate protective clothing to prevent skin contact.

Hand Protection: Wear appropriate protective gloves to prevent skin contact.

Other Protection: no data.

Section 8: exposure control and personal protection

Operation precautions: strengthen ventilation. Do not let the material touch your eyes and avoid touching your skin. It is suggested that operators should wear appropriate protective clothing according to their needs, including protective gloves, protective shoes, work clothes and other protective equipment. Clean thoroughly after treatment. Take off the contaminated clothes and wash the clothes before reuse.

Precautions for storage: This product should be stored in a closed container, in a cool, dry, well ventilated place, away from prohibited accessories. It is stored only together with coexisting chemicals. Do a good job of moisture protection. The storage area shall be equipped with leakage emergency handling equipment and appropriate storage materials.

Other precautions: Water supply and eye washing facilities can be conveniently used. Do not store it near the heat source or contact with too high a temperature.

Section 9: physical and chemical information

appearance	White to light yellow powderd
color	No date
smell	Characteristic Odor
pH	4.0-7.0(1% Aqueous solution.)
Melting point °C	60°C
Boiling Point	No date
Saturated vapor pressure	No date
Solubility	Water dissolve
Relative density	0.913



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Flash point (°C)	>100
Molecular formula	C ₂₈ H ₅₈ ClNO ₃
viscosity	No date
Relative molecular mass	492.22

Section 10: stability and reactivity

Stability: it is stable to keep it in a closed container at room temperature under normal storage and treatment conditions.

Resistant substance: highly oxidizing substance

Conditions to avoid contact: high temperature, exposure to humid air or water

Aggregation: does not occur

Dangerous decomposition products: proper storage and operation will not occur. If heated to over 200°C, the following substances will be released: alkyl chloride, Amine substance. Hydrogen chloride, nitrogen oxides, carbon monoxide and carbon dioxide may be decomposed.

Section 11: Toxicological Information

Acute toxicity: CAS#:69537-38-8: skin, Rabbit: LD₅₀ = 5800 uL/kg/24h

Subacute and chronic toxicity: it is irritating to skin and mucosa as well as eyes.

Inhalation: inhalation of aerosol may cause respiratory irritation..

Skin contact: degreasing to skin

Eye contact: risk of severe eye injury. Send it to the doctor in time when necessary.

Ingestion: eating is harmful. May cause nausea, stomachache, and vomiting. Specific impact: none.

Mutagenicity: No data

Carcinogenicity: CAS#69537-38-8 : ACGIH, IARC , NIOSH ,NTP or OSHA not listed

Teratogenicity: No information is available.

Section 12: ecological information



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Ecotoxicological toxicity: highly toxic to aquatic organisms.

Alkyltrimethylammonium chloride ($0.001 < EC_{50} \text{ value} \leq 0.01 \text{ mg/L}$):

LC₅₀ (fish, 96 hours): 1.8 mg/liter (OECD Test Guideline 203)

Fish: zebrafish, 96 hours: Semi-lethal concentration (LC₅₀) 1.0 mg/liter

EC₅₀ (large fleas, 48 hours): 0.03 mg/liter (OECD Test Guideline 202)

IC₅₀ (*Pseudokirchneriella subcapitata*, 72 hours): 0.008 mg/liter (OECD Test Guideline 201)

Biodegradability: This product is easy to biodegrade, about 95%

Bioaccumulation or bioaccumulation: not expected to be bioaccumulated

Liquidity: The product is soluble in water and may spread in the water system.

Note: This product is considered as a moderate water pollutant and is not allowed to be discharged into soil, river or sewage pipe network arbitrarily.

Waste disposal method: waste disposal must be carried out in accordance with the relevant provisions of the local government, such as the "regulations on safety management of hazardous chemicals" promulgated by the Chinese government in 1987 and the U.S. federal regulations (40CFR261, 262, 263, 264), etc. Use chemical incinerator equipped with afterburner and scrubber for incineration disposal.

Section 13: Handling precautions

Packing type: Plain packaging

Packing method: 30kg plastic barrel.

Precautions for transportation: avoid exposure, rain and high temperature during transportation. Stay away from kindling, heat source and high temperature zone when stopping halfway.

Land/highway/Railway: unlimited

Inside, land, water, road: unlimited

Sea, shipping: unlimited

Air, empty: unlimited

Part 14 Transportation information

UN NUMBER Dangerous Goods Number (UN No.):



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No information available

UN shipping name:

No information available

UN Hazard Classification:

No information available

Packaging category:

No information available

Packaging Method:

Packaged according to manufacturer's recommended method, e.g. open steel drums. Ampoule bottle outside ordinary wooden box. Threaded mouth glass bottles, iron cap pressure mouth glass bottles, plastic bottles or metal drums (cans) outside ordinary wooden boxes, etc.

Marine pollutants (yes/no): no

Transportation Precautions:

Transportation vehicles should be equipped with the appropriate varieties and number of fire fighting equipment and leakage emergency treatment equipment.

It is strictly prohibited to mix and transport with oxidizers and edible chemicals.

The exhaust pipe of the vehicle transporting the item must be equipped with a fire stopping device.

The use of tanks (tanks) should be transported in the grounding chain, tanks can be set up inside the hole partition to reduce the shock generated static electricity.

Prohibit the use of spark-prone mechanical equipment and tools for loading and unloading.

In summer, it is better to transport in the morning and evening.

During transportation, it should be protected from sunshine, rain and high temperature.

Stopover should be far away from fire, heat source, high temperature area.

Highway transportation should be in accordance with the prescribed route, do not stay in residential areas and densely populated areas.

Railroad transportation should be prohibited from slipping.

It is strictly prohibited to transport in bulk by wooden ship or cement ship.

Danger signs and announcements should be posted on the means of transportation according to the relevant transportation requirements.



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Section 15: Regulatory Information

Regulations on the Safety Management of Hazardous Chemicals (issued by the State Council on February 17, 1987) have made corresponding provisions on the safety production, use, storage, transportation, loading and unloading of hazardous chemicals.

The recipient shall have the responsibility to understand the relevant national or local laws and regulations.

EC Classification

Label name: sulfamethoxy PG-trimethyl ammonium chloride, not listed as hazardous substances according to EU standards

Hazard symbol: XN N

National regulations: listed in the TSCA Directory: Yes

Column in non-DSL Directory: Yes

Listed in AICS Directory: unknown

In the catalogue of the Ministry of Communications and industry: in the existing list of chemicals

Oxyl PG-trimethylammonium chloride (CAS:69537-38-8) appears in the following regulations:

High output representative list (Organization for Economic Cooperation and Development [OECD] HPV)

List of existing chemicals in China

This chemical safety technical specification complies with the following relevant national standards:

GB16483-2000, GB13690-1992, GB6944-1986, GB/T15098-1994, GB18218-2000, GB15258-2000, GB6944-

86, GB190-90, GB191-90, GB12268-90, GA57-93, GB/T 15098-94, GBZ 2-2002 and related regulations:

management rules for transportation of dangerous goods (promulgated by Ministry of Railways in 1995)

Regulations on the Safety Management of Hazardous Chemicals (promulgated by the State Council in 2002)

UN proposal on transport of dangerous goods (UN RTDG)

Section 16: Additional information

This safety technical specification is based on the latest information we know about the safety and correct use of this product so far. Because Guangzhou Plant Chain Beauty Technology Co., Ltd. can't predict and control the situation of this product in actual use, every user should read this instruction carefully before using this product.

For more information to ensure correct evaluation, please contact our company.



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