



Material Safety Data Sheet

BTMS50

Company/Undertaking Identification

Guangzhou Plant Chain Beauty Technology Co., Ltd.

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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

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Part 1: Component identification

Trade Name: BTMS 50

INCI Name: BEHENTRIMONIUM METHOSULFATE/ CETEARYL ALCOHOL /BUTYLENE GLYCOL

Part 2: INGREDIENTS/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
BEHENTRIMONIUM METHOSULFATE	81646-13-1	53.0-57.0
CETEARYL ALCOHOL	67762-27-0	30.0-35.0
BUTYLENE GLYCOL	107-88-0	5.0-10.0

Part 3: Hazard Identification

Classification (GHS): Non hazardous

Physical: Not applicable



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Health: Swallowing: It can cause mild irritation of mucous membrane.

Skin Absorption: It is not absorbed.

Inhalation: If it is inhaled it will provoke irritation in the mucous membrane.

Eye Contact: It may cause a light discomfort, with a weak conjunctive irritation and redness.

Environmental: Harmful to aquatic life with long lasting effects.

Labeling (GHS):

Signal Word: Warning

Hazard Statements: Cause mild skin irritation, serious eye irritation. May cause respiratory irritation.

Safety Precautions:

S24: Avoid contact with the skin

S25: Avoid contact with eyes

S29: Do not empty to drains.

Part 4: First Aid Measure

Description of first aid measures

General information:

Remove soiled or soaked clothing immediately.

After inhalation:

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After skin contact:

In case of contact with skin wash off immediately with plenty of water.

Consult a doctor if skin irritation persists.

After eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After swallowing:

Thoroughly clean the mouth with water.

Call for medical advice immediately.



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Part 5: Fire protection measures

Extinguishing media

Suitable extinguishing agents:

foam, carbon dioxide, dry powder, water spray.

For safety reasons unsuitable extinguishing agents: Full jet water.

Special hazards arising from the substance or mixture. Its combustion products or from its vapours

In the event of fire the following can be released:

Nitrogen oxides (NO_x).

Hydrogen Chloride (HCl).

carbon dioxide, carbon monoxide.

Advice for firefighters

Protective equipment:

Do not inhale explosion and/or combustion gases.

Use self-contained breathing apparatus and wear protective suit.

Further information:

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Part 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment

Environmental precautions:

Do not allow to enter drains or waterways.

Methods and material for containment and cleaning up:

Take up with absorbent material (eg sand, kieselguhr, universal binder).

Dispose of absorbed material in accordance with the regulation.

Part 7: Handling and storage

Handling:



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Advice on safe handling:

Avoid the formation and deposition of dust. Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion:

Avoid formation of dust.

storage:Further information: Keep container closed.

Part 8: Exposure control and personal protection

General protective and hygienic measures:

Avoid contact with eyes and skin.

Hygiene measures:

At work do not eat, drink, smoke or take drugs.

Wash hands before breaks and after work. Remove soiled or soaked clothing immediately.

Respiratory protection:

In case of formation of vapours/dusts:

Respiratory protection mask with combination filter A-P2

Protection of hands:

Protective gloves



Material of gloves: PVC

Eye protection: tightly fitting safety glasses

Skin and Body protection: light protective clothing.

Part 9: Physical and chemical information

Appearance: pellet

Odour: Characteristic

Color: White to pale yellowish

pH (1% solution @25°C): 4.0-7.0

Melting Point/Freezing Point : 65 -79°C



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Initial Boiling Point / Boiling Range:	Not applicable
Flash Point:	>100° C (open cup)
Evaporation Rate:	Not applicable
Flammability:	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density:	>1 (Air=1)
Relative Density:	0.87 at 70 oC (water=1)
Solubility:	Dissolves in alcohol and warm water
Partition Coefficient: N-Octanol/Water:	Not applicable
Auto-Ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Viscosity:	Not applicable

Part 10: Stability and reactivity

Reactivity: Stable under normal temperature and pressure. Stable under recommended storage and handling conditions.

Chemical Stability: Stable in normal conditions.

Possibility of Hazardous Reactions: Not applicable

Conditions to Avoid: Contact with moisture and/or water causing lump situation.

Incompatible Materials: Strong oxidants, strong acids, strong alkali

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives. Thermal degradation may also produce oxides of silicone.

Part 11: toxicological information

Acute oral toxicity: LD50 Species: rat, Dose: >2,000mg/kg



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Skin irritation: Non-irritant.

Eye irritation: Risk of serious damage to eyes.

Note: By analogy with a product of similar composition. Risk of Serious damage to eyes.

Part 12: Ecological information

Elimination information (persistence and degradability)

Biological degradability: The product is not readily biodegradable according to OECD criteria.

Ecotoxicity effects

Toxicity to fish:

LC50 Species: Brachydanio rerio.

Dose: 0,5 mg/l.

Exposure time: 96 h.

Method: OECD 203.

Further ecological information

Remarks:

Do not allow to enter soil, waterways or waste water canal.

The product is considered to be a water pollutant (German law).

Part 13: Disposal precautions

Product

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

Contaminated packaging

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Part 14: Transportation information

Not classified as transportation hazard.



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HMIS score: 4=limit, 3=high, 2=medium, 1=slight, 0=insignificant

HP: 1 Flammability: 0 Reactivity: 0

Part 15: Regulatory information

15.1 Safety, health and environmental regulations / laws specific to the substance

European Union regulations

— (EC) Regulation No.1272 / 2008

Classification: Uncategorized

Risk phrases: Uncategorized

Security phrase: Uncategorized

-List of existing commercial chemicals in Europe (EINECS):

BEHENTRIMONIUM METHOSULFATE: 81646-13-1

CETEARYL ALCOHOL: 67762-27-0

BUTYLENE GLYCOL: 107-88-0

-List of EU authorizations: Unregulated

-List of EU restrictions: Unregulated

International regulations

-INCI(International nomenclature of cosmetic composition):

BEHENTRIMONIUM METHOSULFATE; antistatic agent, hair conditioner, surfactant

Whale wax stearyl: moisturizer, emulsifier, emulsion turbidity agent, viscosity control

Butanadiol: moisturizer, solvent

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