



Specialized in chemicals

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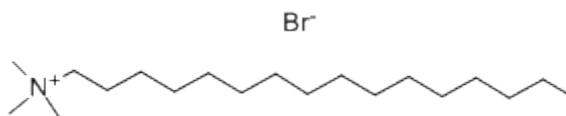
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Technical Data Sheet

Hexadecyl trimethyl ammonium bromide

Product Information

Chemical Name	Hexadecyl trimethyl ammonium bromide
CAS #	57-09-0
Formula	C ₁₉ H ₄₂ BrN
Molecular Weight	364.45
Synonyms	TRIMETHYLHEXADECYL-AMMONIUM BROMIDE;1-Hexadecanaminium,N,N,N-trimethyl-,bromide
Chemical Structure	



Description

White or light yellow crystals to powder, soluble in isopropyl alcohol, soluble in water, a large number of bubbles generated when shaking, with cationic, non-ionic, amphoteric surfactant has good compatibility

Physical Properties

Melting point, °C .	248-251 °C(lit.)
Flash point, °C	244 °C
Soluble	13 g/L (20 °C)

Specification

Items	Specification
Appearance	White to almost white powder
Main content)	≥99.0
Color	≤100 Hazen
Moisture	≤0.8

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

1,Cationic surfactant. Mainly used as cosmetic fungicides, softeners, emulsifiers and antistatic agents. Used

in hair conditioner, can be adsorbed on the surface of the hair, the formation of a monomolecular film, make the hair soft and fluffy and give the hair a natural luster, at the same time also can suppress electrostatic generated by the friction surface of the hair, make hair easy to comb.

2,Cationic surfactant. It can be used as fungicide, rinse water, disinfectant, preparation of intestinal absorption inhibitor of grape. Micellar solubilization spectrophotometry.

Packaging

25kg per fiber drum

9mt per 20ft container

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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