



Specialized in chemicals

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Technical Data Sheet

1-Bromo-3-Chloropropane

Product Information

Product Name	1-Bromo-3-chloropropane
Synonyms	Trimethylene Chlorobromide
CAS No.	109-70-6
EINECS No.	203-697-1
Molecular formula	C ₃ H ₆ BrCl
Molecular weight	157.44
Chemical structure	



Physical Properties

Colorless transparent liquid. Soluble in ethanol, ether and chloroform, insoluble in water.

Density	1.592 g/mL at 25°C
Melting Point	-59°C
Boiling Point	144 ~ 145°C
Flashing Point	81°C
Refractive Index	1.486

Specification

<u>Items</u>	<u>Specification</u>
Appearance	Colorless transparent volatile liquid
Assay	≥99.50%
Isomer	≤0.30%
Moisture	≤0.05%
Color (APHA)	≤20
Free acid	≤50ppm

Safety

1-Bromo-3-chloropropane is hazard class 6.1 material, it is poisonous material.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

1-Bromo-3-chloropropane mainly used for pharmaceutical intermediates and Other organic synthesis.
1) Used for the synthesis of Analgesic, Fluphenazine, Trifluoperazine, Chlorpromazine, Gemfibrozil, Perphenazine, Methoprene and other Phenothiazines etc..
2) Used for the synthesis of Ciprofloxacin Intermediate.

Packaging

250kg per plastic drum, 20MT per 20'ft containers with or without pallets

Storage & Handling

Keep container tightly closed. Keep container in a cool, well-ventilated area.
Stored separately with oxidants, acids, food additives.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

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

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