



Specialized in chemicals

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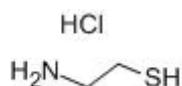
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Technical Data Sheet

Cysteamine hydrochloride

Product Information

Chemical Name	Cysteamine hydrochloride
CAS #	156-57-0
Formula	C2H8CINS
Molecular Weight	113.61
Synonyms	Cysteamine HCL
Chemical Structure	



Description

Cysteamine hydrochloride is white crystalline powder, the specific gravity is 1.3-1.4, melting point is 62-70° C, It is not inflammable and explosive chemicals, it is one kind of unstable matter in the light, it is easy to be oxidized.

Physical Properties

Melting point, °C .	66-70
Density @ 20°C, g/cm ³	0.75

Specification

Solid:	
Item	Specification
Appearance	White to pale yellow color solid, free from extraneous matter
Purity profile by HPLC	99.0 Min
LOD(at 50°C under vacuum for 4.0 hrs)	0.5% Max
Fe	2ppm Max
Melting Range	66.0-70.0 °C

Liquid:

Item	Specification
Appearance	Transparent liquid
Assay	75% Min
Heavy metals	100ppb Max
Melting point	50°C~70°C

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

It can be used in the making of cosmetics,feedstuff additive,anti-ulcerative drug,
It also can be applied in the making of biochemical reagent and complex agent of heavy meatl ions.
It can react with enzyme of human body and stabilize its performace when radiation is existing ,
Therefore, it can be used in the curing of radiation syndrome and the poison of tetraethyl lead.
It can be made into tablets or injections.

Packaging

Solid:25kg per fiber drum,12Ton per 20ft container without pallet
Liquid:250kg per plastic drum,80drums 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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