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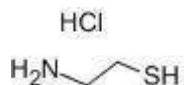
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Technical Data Sheet

Cysteamine hydrochloride

Product Information

Chemical Name	Cysteamine hydrochloride
CAS #	156-57-0
Formula	C ₂ H ₈ CINS
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.

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

Specification

Description	White or almost white powder
Assay	≥99.0%
Melting point	65-70°C
Ferric ion	≤2ppm; ≤5ppm; ≤4ppm
Sulfates	≤0.2%
pH	3.0-5.0
Water	≤0.2%

* **Cysteamine hydrochloride 75% solution** is also available.

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 metal ions.
It can react with enzyme of human body and stabilize its performance 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, 12T on per 20ft container without
pallet Liquid: 250kg per plastic drum, 80 drums 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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