



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.  
B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China  
Tel : (0086) 551 5418695  
Fax: (0086) 551 5418697  
Email: info@tnjchem.com  
Site: www.tnchem.com

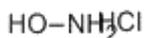
## Technical Data Sheet

# Hydroxylamine Hydrochloride

### Product Information

Chemical Name	Hydroxylamine hydrochloride
CAS #	5470-11-1
Formula	NH <sub>2</sub> OH.HCL
Molecular Weight	69.49
Synonyms	Oxammonium hydrochloride; Hydroxylamine HCL; Hydroxylammonium chloride;

### Structural formula:



### Physical Properties

Appearance:Colorless or off-white crystalline solid  
Molecular Weight:69.49  
Density:1.67  
Boiling Point:56.5°Cat760mmHg  
Melting Point:155-158°C  
Flash Point:152  
Storage Temperature:Store at RT.  
Solubility:560 g/L (20 oC) in water  
Stability:Substances to be avoided include strong oxidizing agents. Heating above 115 C may cause explosion; do not store above 65C. Moisture and air sensitive.

### Specification

Quality standard content 98%MIN			
Name	Superior product	First-class product	Qualified product
Appearance	White crystal	White crystal	White crystal
Content	≥99%	≥98%	≥97%

Ash Content	<0.1%	<0.1%	
Moisture	<0.4%	<0.45%	<0.5%
Heavy metal	<5PPM	<5PPM	

### Applications

This product is used as a reducing agent and imaging agent for color film, and used for synthesis of oxime and anti-cancer drugs and sulfa drugs in organic synthesis. In synthesis rubber industry, it is used as non-staining short-term suspension agents, and as battery depolarizer in electroanalysis.

### Packaging

25kg/bag,25kg/drum,20mt/FCL with pallet,50kg/drum or according to customer request.

### Storage & Handling

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

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

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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230022 Anhui  
China

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