



SOVEREIGN CHEMICAL COMPANY

1225 West Market St., Akron OH 44313

Phone: 330-869-0500, Fax: 330-869-0518

www.sovchem.net

Sovchem® HAHC

Manufacturer: Produced for Sovereign Chemical Company
By: Shandong Baoyuan Chemical Co., Ltd.

Classification: Hydroxylamine Accelerator

Chemical Composition:

Molecular Formula: $\text{NH}_2\text{OH}\cdot\text{HCl}$

Molecular Weight: 69.5

CA Nomenclature: Hydroxylamine hydrochloride

Synonym Nomenclature: Hydroxammonium chloride; Hydroxylamine chloride;
Hydroxylammonium chloride; Oxammonium chloride.

Physical Data

Specification Properties	Value	Test Method
Heat Loss, % by mass	0.90 Maximum	GB11409.4
Assay, %	96.0 Minimum	
Silica, %	0.35 - 0.75	
Ash Content, % by mass	0.35 - 0.75	GB11409.7-89
<i>Ash to be 0.5% precipitated silica powder which contains no foreign or agglomerated material</i>		

Typical Properties

Physical Form	Crystalline powder	Visual
Color	White	Visual
Specific Gravity	1.45	Typical

Applications

Uses: In the rubber and plastics industries, it is an antioxidant, vulcanization accelerator, and radical scavenger. It is also used as a fixative for textile dyes as a metal extraction and flotation aid, as an antioxidant in fatty acids and soaps, and as a color stabilizer and emulsion additive in color films. It is a starting material for pharmaceuticals and agrochemicals manufacturing.

Packaging and Storage

Packaging: 25 Kg (55.1 lb.) drum.

Shelf Life: 2 years from date of manufacture if stored as indicated below.

Storage: Store in unopened original packaging in a cool dry place.

Specification Date: October 31, 2014 (Supersedes: June 24, 2013)