

h1>Hydroxylamine hydrochloride 99% AR
[5470-11-1]



CAS number: **5470-11-1**

Summary formula: **$\text{NH}_2\text{OH} \cdot \text{HCl}$**

Molar mass: **69.49 g / mol**

Synonyms: **hydroxylammonium chloride**

Translation [ENG]: **Hydroxylamine hydrochloride**

Application: **Hydroxylamine hydrochloride and its salts are used in various industries as reducing agents in color film makers or as reagents in laboratories. Used for the synthesis of organic, photography, medicine, controlled reduction reaction, non-coloring short cork for synthetic rubbers.**

VARIATIONS

Image	Price	Pack size
$\text{Cl}^- \quad \text{H}^+ \quad \text{HO}-\text{NH}_2$	£664,81 gross £540,50 netto	10 kg

Image	Price	Pack size
$\text{Cl}^- \text{H}^+$ $\text{HO}-\text{NH}_2$	£1.614,81 gross £1.312,85 netto	25 kg

PRODUCT DESCRIPTION

Hydroxylamine hydrochloride 99% AR [5470-11-1]

Hydroxylamine hydrochloride and its salts are used in various industries as reducing agents in color film makers or as reagents in laboratories. Used for the synthesis of organic, photography, medicine, controlled reduction reaction, non-coloring short cork for synthetic rubbers, antioxidant for fatty acids.

Density: 1.70 g / cm³ (20.2 ° C)
 Melting point: 154 ° C
 PH value: 2.5 - 3.5 (50 g / l, H₂O, 20 ° C)
 Vapor pressure: 0.054 Pa (50 ° C)
 Bulk density: 900 kg / m³
 Solubility: 470 g / l
 PH value (5%; water): 2.5 - 3.5
 Titratable free acid: ≤ 0.25 meq / g
 Sulphate (SO₄): ≤ 0.002%
 Heavy metals (ACS): ≤ 0.0005%
 Cu (copper): ≤ 0.001%
 Fe (iron): ≤ 0.0005%
 NH₄ (ammonium): positive test result
 Pb (lead): ≤ 0.0005%
 Total sulfur (as sulfate): ≤ 0.005%
 Residue on ignition (as sulfate): ≤ 0.01%

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)