

Ammonia solution 25%

HS	Hill Formula	Chemical Formula
2814 20 00	H ₃ N	NH ₃

Catalogue	Packing
105432	Glass Bottle (liter), Plastic Bottle (gr, kg)
105422	Glass Bottle (liter), Plastic Bottle (gr, kg)

Description	
Synonyms	Ammonium hydroxide solution, Ammonia water.

Product Information	
Structure formula image	$\text{NH}_4^+ \quad \text{OH}^-$

Physicochemical Information	
Boiling point	37.7 °C
Melting point	-57.5 °C
Density	0.903
Solubility	In H ₂ O (20 °C) Soluble

Toxicological Information	
LD50 oral	LD50 Rat 350 mg/kg

Safety Information according to GHS	
Hazard Pictogram(s)	H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation. H410: Very toxic to aquatic life with long lasting effects.
Precautionary Statement(s)	P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Signal Word	Danger
Storage class	8B Non-combustible, corrosive hazardous materials

Safety Information	
Categories of danger	corrosive, dangerous for the environment