


Typical Product Specifications & Properties

Hydroxylamine

CAS Number: : 7803-49-8

Specifications	Limits
Boiling Point	110 c
Density	1.227
Slightly Soluble	in ether, benzene, cs2, chloroform
Direct Evaporative Cooling	in hot water
Very Soluble	in liq. ammonia, methanol
Vapor Pressure	10 mm (47.2 c)
Melting Point	34 c
Refractive Index	1.393
Molecular weight	33.04
Color	colorless crystal
Flash Point	explodes 265 f
Solubility	alcohol, acids, cold water

Specifications	Limits
Chemical Structure	 <p>The image shows the chemical structure of ammonia (NH₃), consisting of a central nitrogen atom (N) bonded to three hydrogen atoms (H). The nitrogen atom is also bonded to an oxygen atom (O), which is in turn bonded to a hydrogen atom (H), forming a hydroxyl group (-OH). The structure is presented in a light gray, semi-transparent style. Below the structure is the Parchem logo, which features a stylized circular emblem above the word "parchem" in a lowercase, sans-serif font, with the tagline "fine & specialty chemicals" underneath.</p>