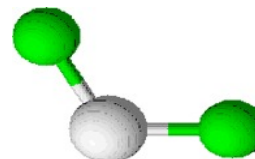


Z32001 Gold Line**Typical analysis**

Assay	min 98%
Ammonium (NH ₄)	0.03%
Arsenic (As)	0.0002%
Barium (Ba)	0.1%
Calcium (Ca)	0.01%
HCl-insoluble matter	0.02%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Magnesium (Mg)	0.01%
Potassium (K)	0.02%
Sodium (Na)	0.01%
Sulphate (SO ₄)	0.02%
Total nitrogen (N)	0.005%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	ZnCl ₂ or Cl ₂ Zn
Synonym	Hydrochloric acid zinc salt; butter of zinc
Chemical group	Chlorides
Atomic weight	136.28
Appearance	White, granular, deliquescent crystals or powder of fused pieces
Solubility	Soluble in water and ethanol. Glycerol, acetone, dilute hydrochloric acid solutions
Melting point	283°C
Boiling point	732°C
Density (g/ml)	2.907
pH (aqueous solution)	4.6 - 5.5
Hazardous material	Irritant

Laboratory preparation, applications and practices

Laboratory preparation	Action of hydrochloric acid on zinc or zinc oxide
Usage	Analytical and organic synthesis reagent. Catalyst

Storage and handling information

Storage	Store in a dry place separated from bases
Safety phrases	7/8-28-45
Risk phrases	34
Disposal methods	3

Transport regulations

Tariff code	2827.36.00
Hazardous class	8
Packing group	III
UN number	2331

