DIMETHYLAMINE HYDROCHLORIDE (DMAHCl)

Specifications	Value	Test Method
Dimethylamine Hydrochloride	70-72% (w/w)	IC
Monomethylamine Hydrochloride	0.00- 0.20% (w/w)	IC
Trimethylamine Hydrochloride	0.00-0.05% (w/w)	IC+Titrimetric
Ammonium	0.00-0.10% (w/w)	IC
Refractive Index	1.437-1.442	Refractometric
Iron	<50 ppm	Colorimetric
Cl Content	Positive (mol/kg)	Volumetric
pH	0.0-2.0	pH Meter
Appearance	Colorless-pale yellow clear solution	Visual

PRODUCT DESCRIPTION

Molecular Weight: 81.54 g/mol
Freezing Point °C: -24
Density at 20 °C: 1044kg/m³
Appearance: Colorless-pale yellow clear solution

PACKAGING, STORAGE & SHELF LIFE

PVC coated polyester material, rubber lined carbon-steel and polyethylene material is used for storage.

This aqueous solution is corrosive to steel. It is advisable to store it in tanks made of polyethylene or of materials protected by a coating, resistant to chlorides. Avoid neutralization with a base as this would result in release of dimethylamine, which is an extremely flammable, foul smelling gas.

Shelf Life: 1 years

SAFETY & PRECAUTIONS

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid from direct contact with skin and eye. Use goggle type safety glasses. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Do not use contact lenses. Product causes skin and eye irritation.

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