Zinc Chloride

ZnCl | Technical, 98% min powder and granules; 62–65% solution

PRODUCT OVERVIEW

Technical zinc chloride, the zinc source for cooling-water corrosion inhibitors and a flux, battery electrolyte and process chemical. A class 8 corrosive and very toxic to aquatic life: wear full eye and skin protection, keep it sealed against moisture and out of drains.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
ZnCl content (solid)	-	**98.0% min (96% grades also traded)**	Complexometric (EDTA) titration
ZnCl content (solution)	-	**About 62–65%**	Complexometric (EDTA) titration
Basic salt (as ZnO)	-	**2% max**	Titration
Acid-insoluble matter	-	**0.01–0.02% max**	Gravimetric
Sulphate (SO)	-	**0.01% max**	Turbidimetric
Iron (Fe)	-	**0.0005–0.001% max**	ICP / colorimetric
Lead (Pb)	-	**0.0005–0.001% max**	ICP / AAS
Alkali and alkaline-earth metals	-	**1% max**	Gravimetric
Appearance	-	**White powder or granules; clear, colourless solution**	Visual

SUPPLY AND PACKING

25 kg woven bags with sealed PE liner for the solid; plastic drums and IBCs for the solution. Shipped as class 8 dangerous goods (UN 2331 solid, UN 1840 solution, PG III), marine pollutant. FOB, CFR and CIF on request; pack sizes and loads are confirmed with each offer.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.