



Product Specification

ZINC CHLORIDE (DRY) AR/ACS

PRODUCT CODE	695505
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7646-85-7)
ATOMIC OR MOLECULAR FORMULA	ZnCl ₂
ATOMIC OR MOLECULAR WEIGHT	136.29
PROPERTIES	--



PARAMETER	LIMIT
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Description	White crystalline hygroscopic powder.
Solubility	10% solution in dilute HCl is clear and colourless.
Minimum assay (ex Zn; Complexometric)	97.0%

MAXIMUM LIMIT OF IMPURITIES

Oxide chloride (as ZnO)	Passes test.
Insoluble matter	0.005%
Ammonium (NH ₄)	0.005%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Nitrate (NO ₃)	0.003%
Magnesium (Mg)	0.01%
Calcium (Ca)	0.06%
Sodium (Na)	0.05%
Potassium (K)	0.02%

Note(s): Assay (if applicable) method mentioned.

DANGER

Hazard statements : Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : 8/III

UN No. : 2331

IATA : 8

Hazard Pictogram(s) :



Acute toxicity Corrosive to metals Aquatic environment