



# Product Specification

cdhfinechemical.com

## ZINC CHLORIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	999000
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7646-85-7)
ATOMIC OR MOLECULAR FORMULA	ZnCl <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	136.29
PROPERTIES	--



PARAMETER	LIMIT
Description	White powder.
Solubility	1M solution in water is clear and colourless.
Minimum assay (Complexometric)	98.0%
pH (1M in H <sub>2</sub> O)	4.5-5.0
Filter test	Passes

### MAXIMUM LIMIT OF IMPURITIES

Total nitrogen (N)	0.001%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
DNase, RNase, Protease & Phosphatases	None detected.

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

### DANGER

**HAZARD STATEMENTS** : Toxic if swallowed. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

### PRECAUTIONARY STATEMENTS :

**Prevention** : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Wear protective gloves/protective clothing/eyes protection/face protection.

**Response** : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES. rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Collect spillage.

**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.

Hazard Pictogram(s) :-



GHS06



GHS05



GHS09

IMDG Code : 8/III

UN No. : 2331

IATA : 8