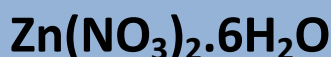




Product Specification

ZINC NITRATE HEXAHYDRATE AR

PRODUCT CODE	695595
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10196-18-6)
ATOMIC OR MOLECULAR FORMULA	$Zn(NO_3)_2 \cdot 6H_2O$
ATOMIC OR MOLECULAR WEIGHT	297.49
PROPERTIES	Melting point 36.4°C; loses water of crystallization between 105°C and 131°C.



PARAMETER	LIMIT
Description	Colourless or white crystals
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Complexometric)	99.0%
pH (10% solution in water).	3 – 6

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Cadmium (Cd)	0.005%
Calcium (Ca)	0.005%
Cobalt (Co)	0.005%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.005%
Nickel (Ni)	0.005%
Potassium (K)	0.01%
Sodium (Na)	0.01%

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

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Toxic to aquatic life.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/ face protection. Specific treatment: refer to Label or MSDS.

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 : 5.1/II

UN No. : 1514

IATA : 5.1

Hazard Pictogram(s) :



Skin irritation



Oxidising