

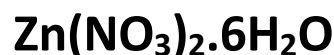


Product Specification

cdhfinechemical.com

ZINC NITRATE HEXAHYDRATE

PRODUCT CODE	030614
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	Soluble in water.
Minimum Assay (Complexometric)	96.0-103.0%
pH (10% solution in water).	3.0 - 6.0

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.005%

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

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace.

Response: Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/ attention. If eye irritation persists, get medical advice/attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water

IMDG Code : 5.1/II
UN No. : 1514
IATA : 5.1

Hazard Pictogram(s) :-



GHS03



GHS07



GHS09

Replace Date 08-Nov-2025