

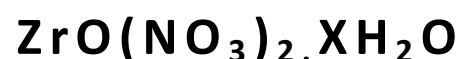


# Product Specification

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## ZIRCONYL NITRATE TECH

PRODUCT CODE	276145
SYNONYMS	--
C.I. NO.	--
CASR NO.	(14985-18-3)
ATOMIC OR MOLECULAR FORMULA	ZrO(NO <sub>3</sub> ) <sub>2</sub> .XH <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	231.23+xH <sub>2</sub> O
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
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Description	Almost white powder/crystalline solid.
Minimum assay(Complexometric as Zr.)	27.0-32.0%

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

### DANGER

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

**HAZARD STATEMENTS** : Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. . Causes serious eye damage. Harmful to aquatic life.

### PRECAUTIONARY STATEMENTS :

**Prevention** :Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** :IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8(5.1)/II  
UN No. : 3085  
IATA : 8(5.1)

**Disposal** :Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water

Hazard pictogram(s) :



GHS02



GHS05

Replace date 29-May-2023