



Product Specification

ZINC OXIDE PURE

PRODUCT CODE	030617
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1314-13-2)
ATOMIC OR MOLECULAR FORMULA	ZnO
ATOMIC OR MOLECULAR WEIGHT	81.39
PROPERTIES	Absorbs carbon dioxide from the air. Noncombustible.

ZnO

PARAMETER	LIMIT
Description	White to yellowish powder.
Solubility	Soluble in dilute mineral acids.
Minimum assay (Complexometric, calc. on ignited basis)	99.0%
Carbonates and colour of solution	Passes test.

MAXIMUM LIMIT OF IMPURITIES

Loss on Ignition (at 500°C)	1.0%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.05%
Iron (Fe)	0.005%

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

WARNING

Hazard statements : May cause respiratory irritation. Causes mild skin irritation. Causes eye irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Wash hands thoroughly after handling.

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

IMDG Code : 9/III

UN No. : 3077

IATA : 9

Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :-



Skin irritation Aquatic environment