


ZINC OXIDE AR

PRODUCT CODE	695605
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.
PARAMETER	LIMIT
Description	A soft, white or faintly yellowish-white, amorphous powder, free from gritty particles.
Solubility:	Soluble in dilute mineral acids.
Identification	Passes test
Assay (Complexometric; Calc on the ignited basis.)	99.0 - 100.5%
MAXIMUM LIMIT OF IMPURITIES	
Loss on Ignition (at 500°C)	1.0%
Subs.insoluble in dil. Sulphuric acid	0.05%
Chloride (Cl)	0.005%
Sulphur compounds (SO ₄)	0.02%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Manganese (Mn)	0.001%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Causes mild skin irritation. Causes eye irritation. 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.	
Disposal: Dispose of contents and container in accordance with relevant legislation.	
Hazard Pictogram(s) :  GHS09	

Replace date 20-Sep-2025