



Product Specification

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.

ZnO

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%
Alkalinity	Passes test
Subs.insoluble in dil. Sulphuric acid	0.05%
Carbonate and subs. insoluble in acids	Passes test.
Chloride (Cl)	0.002%
Sulphur compounds (SO ₄)	0.02%
Arsenic (As)	0.0005%
Cadmium (Cd)	0.001%
Iron (Fe)	0.001%
Iron (Fe) & other Heavy metals	Passes test
Lead (Pb)	0.005%
Manganese (Mn)	0.001%

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





Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

www.cdhfinechemical.com

<p>WARNING</p> <p>Hazard statements : May cause respiratory irritation. Causes mild skin irritation. Causes eye irritation. Very toxic to aquatic life with long lasting effects.</p> <p>Precautionary statements</p> <p>Prevention: Wash hands thoroughly after handling.</p> <p>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..</p>	<p>IMDG Code : 9/III</p> <p>UN No. : 3077</p> <p>IATA : 9</p>
<p>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.</p>	
<p>Hazard Pictogram(s) :-</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>Skin irritation</p></div><div style="text-align: center;"><p>Aquatic environment</p></div></div>	