



Product Specification

cdhfinechemical.com

ZINC OXIDE MEETS TO IP TESTING SPECIFICATION

PRODUCT CODE	P90225
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	
Identification 'A'	The yellow colour should disappeared on cooling
Identification 'B'	The solution should give the reaction of zinc salts
Assay (Complexometric; Calc on the ignited basis.)	99.0 - 100.5%
MAXIMUM LIMIT OF IMPURITIES	
Loss on ignition	1.0%
Alkalinity	Not more than 0.3 ml of 0.1 M hydrochloric acid should be required to discharge the colour
Carbonate and substances insoluble in acids	Solution should not be more opalescent than opalescence standard OS2, and colourless
Arsenic	0.0005%
Iron (Fe)	0.04%
Lead (Pb)	The solution should remain clear
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	
IMDG Code : 9/III UN No. : 3077 IATA : 9	