




Product Specification

cdhfinechemical.com

SODIUM META SILICATE PENTAHYDRATE

PRODUCT CODE	221760
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10213-79-3)
ATOMIC OR MOLECULAR FORMULA	Na₂SiO₃.5H₂O
ATOMIC OR MOLECULAR WEIGHT	212.14
PROPERTIES	Noncombustible.
PARAMETER	LIMIT
Description	White to pale yellow crystals /crystalline powder/granules.
Solubility	Soluble in water.
Minimum assay(Acidimetric)	97.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.05%
Sulphate (SO ₄)	0.05%
Iron (Fe)	0.05%
Lead (Pb)	0.001%
Note(s) :Assay (if applicable) method mentioned.	
WARNING Hazard statements :May cause respiratory irritation. Harmful if swallowed. Causes skinirritation. May be corrosive to metals. Precautionary statements Prevention :Do not eat, drink or smoke when using this product. Wash handsthoroughly after handling. Wash thoroughly after handling. Response :Wash/Decontaminate removed clothing before reuse. Remove/Take offimmediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap andwater. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer toLabel or MSDS. Absorb spillage to prevent material damage	IMDG Code : 8/III UN No. : 3253 IATA : 8
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantitiesof water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped withburner and scrubber.	
Hazard Pictogram(s) :-  GHS05	

Replace date 27-May-2023