



Product Specification

cdhfinechemical.com

SILICON DIOXIDE COLLOIDAL HYDRATE CONFIRMING TO IP

PRODUCT CODE	217435	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(63231-67-4)	
ATOMIC OR MOLECULAR FORMULA	SiO₂.XH₂O	SiO₂.XH₂O
ATOMIC OR MOLECULAR WEIGHT	60.1	
PROPERTIES	--	

PARAMETER	LIMIT	
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Description	White fine light, amorphous odourless powder.
Solubility	Insoluble in water.
Minimum assay as SiO ₂ (on ignited basis)	99.0 – 100.5%

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition on anhydrous basis (at 900°C for 2 hours)	5.0%
Chloride (Cl)	0.025%
Heavy metals (as Pb)	0.0025%
Arsenic (As)	0.0008%

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

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	

Hazard Pictogram(s) :-----

Replace Date 10-June-2023