



Product Specification

cdhfinechemical.com

IRON FILINGS ABOUT 100 MESH

PRODUCT CODE	028597	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7439-89-6)	
ATOMIC OR MOLECULAR FORMULA	Fe	
ATOMIC OR MOLECULAR WEIGHT	55.85	Fe
PROPERTIES	Silver -white malleable metal, mechanical properties are altered by impurities, especially carbon. A strong reducing agent, oxidizes readily in moist air.	
PARAMETER	LIMIT	
Description	Grey coloured fine powder.	
Solubility	Insoluble in water, soluble in dilute acids. 2% solution in dilute HCl is clear and bright.	
Minimum Assay (Redox titration)	99.0%	
Mesh size (Passing through 100 mesh)	95.0%	

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

<p>DANGER : Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. HAZARD STATEMENTS : Highly flammable liquid and vapour. May be harmful if swallowed. PRECAUTIONARY STATEMENTS : Prevention : Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Disposal : -----</p>	<p>IMDG Code :- 4.1/III UN No. :- 3178 ATA :- 4.1</p>
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Hazard Pictogram(s) :-----



Replace Date 01/07/2020