




## IRON (METAL) POWDER 300 MESH ELECTROLYTIC

<b>PRODUCT CODE</b>	<b>R02999</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(7439-89-6)
<b>ATOMIC OR MOLECULAR FORMULA</b>	Fe
<b>ATOMIC OR MOLECULAR WEIGHT</b>	55.85
<b>PROPERTIES</b>	Silver -white malleable metal, mechanical properties are altered by impurities, especially carbon. A strong reducing agent, oxidizes readily in moist air.
<b>PARAMETER</b>	<b>LIMIT</b>
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 )	95.0%
Mesh size (Passing through 300 mesh)	95.0%
<b>Note(s) : 1] Assay (if applicable) method mentioned.</b>	
<b>DANGER :</b> <b>Response :</b> 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. <b>HAZARD STATEMENTS :</b> Highly flammable liquid and vapour. May be harmful if swallowed. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention :</b> 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.	IMDG Code :- 4.1/III UN No. :- 3178 IATA :- 4.1
<b>Disposal :</b> -----	
<b>Hazard Pictogram(s) :-----</b>	
 GHS02	

Replace Date 1 April 2023