

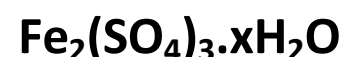


# Product Specification

cdhfinechemical.com

## FERRIC SULPHATE

<b>PRODUCT CODE</b>	<b>093235</b>
<b>SYNONYMS</b>	<b>(Iron (III) sulphate hydrate)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>15244-10-7</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Fe<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>.xH<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>399.88 (anhydrous basis)</b>
<b>PROPERTIES</b>	<b>Protected from light. Noncombustible. Very hygroscopic.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Grayish white to yellow to yellow green hygroscopic powder.
Solubility	10% solution in warm (60°C) mixture of water+sulphuric acid [100ml+5ml] is clear to slight hazy (less than 25 NTU).
Assay	65-70%
Assay (as Fe) (Iodometric)	19-21%

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Chloride (Cl)	0.02%
Ferrous [Fe(II)]	0.05%

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

<b>WARNING</b> <b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response: IF SWALLOWED:</b> Call a POISON CENTER or doctor/physician if you feel unwell. <b>IF ON SKIN:</b> Wash with plenty of soap and water. <b>IF INHALED:</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use	IMDG Code : 8/III UN No. : 3260 IATA : 8
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**Disposal :** The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 29-May-2023