



## FERRIC SULPHATE

<b>PRODUCT CODE</b>	<b>R03035</b>
<b>SYNONYMS</b>	(Iron (III) sulphate hydrate)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	15244-10-7
<b>ATOMIC OR MOLECULAR FORMULA</b>	$Fe_2(SO_4)_3 \cdot xH_2O$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	399.88 (anhydrous basis) <span style="float: right;"><b><math>Fe_2(SO_4)_3 \cdot xH_2O</math></b></span>
<b>PROPERTIES</b>	Protected from light. Noncombustible. Very hygroscopic.
<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.**

### WARNING

**HAZARD DANGER** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS

**Prevention:** 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.

**Response: IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** 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

**Disposal :** The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



place Date 1 April 2023

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