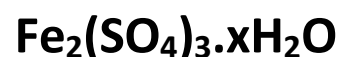


FERRIC SULPHATE HYDRATE AR

PRODUCT CODE	528795
SYNONYMS	(Iron (III) sulphate hydrate)
C.I. NO.	--
CASR NO.	(15244-10-7)
ATOMIC OR MOLECULAR FORMULA	Fe₂(SO₄)₃.xH₂O
ATOMIC OR MOLECULAR WEIGHT	399.88 (anhydrous)
PROPERTIES	Protected from light. Non combustible. Very hygroscopic.





PARAMETER	LIMIT
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 8 NTU).
Minimum Assay [as Fe ₂ (SO ₄) ₃] (Iodometric)	68-70%

MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.02%
Chloride (Cl)	0.01%
Ferrous [Fe(II)]	0.02%
Nitrate (NO ₃)	0.01%
Copper (Cu)	0.005%
Substance not precipitated by NH ₄ OH	0.1%
Zinc (Zn)	0.005%

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

<p>WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.</p> <p>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</p>	<p>IMDG Code : 8 / III UN No. : 3260 IATA : 8</p>
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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) :
 
<p>GHS05 GHS07</p>

Replace Date -19-Aug-2023