


CHROMIUM (III) NITRATE NONAHYDRATE

PRODUCT CODE	R05856
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7789-02-8)
ATOMIC OR MOLECULAR FORMULA	Cr(NO ₃) ₃ .9H ₂ O
ATOMIC OR MOLECULAR WEIGHT	400.15
PROPERTIES	--
PARAMETER	LIMIT
Description	Pale green extremely deliquescent crystals/crystalline powder.
Solubility	Soluble in water .
Minimum assay (ex Cr)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.05%
Note(s) : Assay (if applicable) method mentioned.	
<p>DANGER</p> <p>Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.</p> <p>Precautionary statements</p> <p>Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.</p> <p>Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>IMDG Code : 5.1/III</p> <p>4UN No. : 2720</p> <p>IATA : 5.1</p>
Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.	
Hazard Pictogram(s) :-	
 <p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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