





# Product Specification

cdhfinechemical.com

## CHROMIUM (III) NITRATE NONAHYDRATE

<b>PRODUCT CODE</b>	<b>053045</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(7789-02-8)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	400.15
<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Pale green extremely deliquescent crystals/crystalline powder/chunks.
Solubility	Soluble in water .
Minimum assay (ex Cr)	98.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Chloride (Cl)	0.005%
Sulphate (SO <sub>4</sub> )	0.02%
Iron (Fe)	0.05%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements:</b> May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. <b>Response:</b> 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.	IMDG Code : 5.1/III 4UN No. : 2720 IATA : 5.1
<b>Disposal:</b> 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) :-  	

Replace Date 29-May-2023