






# Product Specification

cdhfinechemical.com

## CHROMIUM (III) CHLORIDE HEXAHYDRATE

PRODUCT CODE	052985	
SYNONYMS	( Chromic chloride )	
C.I. NO.	--	
CASR NO.	(10060-12-5 )	
ATOMIC OR MOLECULAR FORMULA	CrCl <sub>3</sub> .6H <sub>2</sub> O	CrCl <sub>3</sub> .6H <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	266.45	
PROPERTIES	Melting point -95°C; Hygroscopic.	
PARAMETER	LIMIT	
Description	Green to dark green deliquescent compound.	
Solubility	10% solution in water should be clear.	
Minimum assay (Iodometric)	96.0%	
MAXIMUM LIMIT OF IMPURITIES		
Sulphate (SO <sub>4</sub> )	0.05%	
Iron (Fe )	0.03%	
Note(s) : Assay (if applicable) method mentioned.		
<b>DANGER</b> <b>Hazard statements</b> : Harmful if swallowed. Causes mild skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. <b>Response:</b> Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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.		IMDG Code : 8/III UN No. : 3260 IATA : 8
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.		
Hazard Pictogram(s) :		
<div> GHS05</div> <div> GHS07</div> <div> GHS09</div>		

Replace Date 12-Jan-2026