Product Specification

cdhfinechemical.com

CHROMIUM (III) CHLORIDE HEXAHYDRATE AR

PRODUCT CODE	**495820**
SYNONYMS	**(Chromic Chloride)**
C.I. NO.	**--**
CASR NO.	**(10060-12-5)**
ATOMIC OR MOLECULAR FORMULA	**$CrCl_3.6H_2O$**
ATOMIC OR MOLECULAR WEIGHT	**266.45**
PROPERTIES	**Melting point -95°C, hygroscopic**

$CrCl_3.6H_2O$

PARAMETER	**LIMIT**
Description	Green to dark green deliquescent compound.
Solubility	10% solution in water should be clear .
Minimum assay (Iodometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Sulphate (SO_4)	0.03%
Calcium (Ca)	0.03%
Copper (Cu)	0.005%
Iron (Fe)	0.01%
Lead (Pb)	0.005%
Potassium (K)	0.01%
Sodium (Na)	0.03%

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

DANGER

Hazard statements: Highly Flammable liquid and vapour. Harmful if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

Prevention: Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash hands thoroughly after handling. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/ spray.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage

IMDG Code : 8/III
UN No. : 3260
IATA : 8

Disposal: The chemical waste should be collected by specialized disposal company. Add a little at a time (2 to 5 gm) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be throughly washed with water before disposal as normal waste.

Hazard Pictogram(s) :

GHS02 GHS05 GHS09

Replace Date 07-Nov-2023