



Product Specification

cdhfinechemical.com

AMMONIUM REINECKATE MONOHYDRATE COLOUR REAGENT AND PRECIPITANT FOR MERCURY

PRODUCT CODE	009905
SYNONYMS	Ammonium tetra (thiocyanato) diammine chromate(III) monohydrated),(ammonium diaminetetraakis(thiocyanato-N)chromate(1-)
C.I. NO.	--
CASR NO.	(13573-16-5)
ATOMIC OR MOLECULAR FORMULA	$C_4H_{10}CrN_7S_4 \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	354.44
PROPERTIES	--

PARAMETER	LIMIT
Description	Dark pink to red to red-black to brown solid or crystals or powder.
Solubility	Moderately soluble in cold water, soluble in hot water and alcohol.
Minimum assay	95.0%
Sensitivity to choline chloride	Passes test.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	2.0%
Insoluble in dilute Hydrochloric acid	0.05%

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

WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF INHALED: Remove 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : -- UN No. : -- IATA : --
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Disposal: 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) :



GHS07

Replace Date 11-Apr-2025