


AMMONIUM REINECKATE MONOHYDRATE AR

PRODUCT CODE	457745
SYNONYMS	(Ammonium tetra (thiocyanato) diammine chromate(III) monohydrate), (Ammonium diamminetetraakis(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	Decomposes in aqueous solution
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 (Gravimetry)	96.0%
Sensitivity to choline chloride	Passes test
MAXIMUM LIMIT OF IMPURITIES	
Insoluble in dilute Hydrochloric acid	0.05%
Loss on drying (at 105°C)	2.0%
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 : --
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) : <div style="text-align: center;">  GHS07 </div>	

Replace Date 11-Mar.-2025