

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

AMMONIUM REINECKATE MONOHYDRATE AR

PRODUCT CODE	R04422	
SYNONYMS	(Ammonium tetra (thiocyanato) diammine chromate(III) monohydrate), (Ammonium diamminetetakis(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	$C_4H_{10}CrN_7S_4 \cdot H_2O$
PROPERTIES	Decomposes in aqueous solution	
PARAMETER	LIMIT	
Description	Dark red crystals or crystalline 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	IMDG Code :--UN No.	
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.		
Precautionary statements	:-- IATA :--	
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.		
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) :		
<p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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