




Product Specification

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AMMONIUM THIOCYANATE CRYSTALS PURIFIED ALSO SUITABLE FOR SILVER RECOVERY

PRODUCT CODE	027206
SYNONYMS	Ammonium sulphocyanate
C.I. NO.	—
CASR NO.	1762-95-4
ATOMIC OR MOLECULAR FORMULA	NH_4SCN $\text{NH}_4^+ \quad \text{S} \equiv \text{N}^-$
ATOMIC OR MOLECULAR WEIGHT	76.12
PROPERTIES	—
LIMIT	
Description	Colourless deliquescent crystals.
Solubility	10% solution in water is almost clear and colourless.
Minimum Assay (Argentometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.1%
Chloride (Cl)	0.02%
Sulphate (SO_4)	0.02%
Iron (Fe)	0.0005%
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.	
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 17-April-2025