



Product Specification

cdhfinechemical.com

AMMONIUM THIOCYANATE

PRODUCT CODE		H03585
SYNONYMS		Ammonium sulphocyanate
C.I. NO.		—
CASR NO.		1762-95-4
ATOMIC OR MOLECULAR FORMULA		NH ₄ SCN
ATOMIC OR MOLECULAR WEIGHT		76.12
PROPERTIES		—
PARAMETER		LIMIT
Description		Colourless or white deliquescent crystals or powder.
Solubility		10% solution in water is almost clear and colourless.
Minimum assay (Argentometric)		99.0%
pH (5% in water at 20°C)		4.5 – 6.0
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter		0.005%
Residue after ignition		0.025%
Chloride (Cl)		0.005%
Sulphate (SO ₄)		0.005%
Iron (Fe)		0.0003%
Heavy metals (Pb)		0.0005%
Iodine consuming substances (I)		0.004 meq/g
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : --
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.		UN No. : --
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) :		
 GHS07		