

AMMONIUM THIOCYANATE AR/ACS

PRODUCT CODE	457865			
SYNOMYS	Ammonium sulphocyanate			
C.I. NO.	—			
CASR NO.	1762-95-4			
ATOMIC OR MOLECULAR FORMULA	NH ₄ SCN	NH ₄ ⁺ —S—C≡N		
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)	4.2-5.8			
MAXIMUM LIMIT OF IMPURITIES				
Sulphated ash	0.025%			
Water insoluble matter	0.005%			
Chloride (Cl)	0.005%			
Sulphate (SO ₄)	0.005%			
Copper (Cu)	0.0004%			
Iron (Fe)	0.0001%			
Lead (Pb)	0.0004%			
Iodine consuming substances	0.02%			
Sulphide (S)	0.001%			
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 27-Dec-2025