



AMMONIUM SULPHAMATE AR/ACS

PRODUCT CODE	R02587	
SYNONYMS	Ammonium amido sulphonate	
C.I. NO.	—	
CASR NO.	7773-06-0	
ATOMIC OR MOLECULAR FORMULA	NH ₂ SO ₃ NH ₄	
ATOMIC OR MOLECULAR WEIGHT	114.13	
PROPERTIES	Hygroscopic, decomposes at 160°C. Nonflammable.	
PARAMETER	LIMIT	
Description	White crystals / crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Minimum assay (Redox titration)	99.0%	
Melting range	132° - 134°C	
pH (of 5% Aq. Solution)	5.0 – 6.5	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 105°C)	1.0%	
Substance insoluble in water	0.02%	
Residue on ignition (as sulphate)	0.05%	
Chloride (Cl)	0.001%	
Sulphate (SO ₄)	0.02%	
Iron (Fe)	0.0005%	
Heavy metals (Pb)	0.0005%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : 9/III
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.		UN No. 3077
Precautionary statements		IATA 9
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 1 April 2023