

AMMONIUM BROMIDE AR/ACS

PRODUCT CODE	456435	
SYNONYMS	—	
C.I. NO.	—	
CASR NO.	12124-97-9	
ATOMIC OR MOLECULAR FORMULA	NH₄Br	
ATOMIC OR MOLECULAR WEIGHT	97.94	NH₃ • HBr
PROPERTIES	Somewhat hygroscopic, mp sublimes. Noncombustible	
PARAMETER	LIMIT	
Description	White/almost white or colourless crystalline powder.	
Solubility	10% solution in water is clear & colourless.	
Identification	Passes test	
Minimum Assay (Argentometric; on dried substance)	99.5%	
pH(of 5% Soln.in water, at 25°C)	4.5 – 6.0	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying(at 105°C)	0.5%	
Residue on ignition (as sulphate)	0.01%	
Water insoluble matter	0.005%	
Acidity or alkalinity	Passes test	
Bromate (BrO ₃)	0.001%	
Chloride (Cl)	0.2%	
Sulphate (SO ₄)	0.005%	
Arsenic (As)	0.0002%	
Barium (Ba)	0.002%	
Calcium (Ca)	0.01%	
Iodide (I)	0.005%	
Iron (Fe)	0.0005%	
Magnesium (Mg)	0.002%	
Lead (Pb)	0.0005%	
Substances reacting acid	Passes test	
Substances reducing iodine	0.25 mole/kg	
Substances reducing KMnO ₄	Passes test	
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.		IMDG Code : -- UN No. :-- IATA :--
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities		



Product Specification

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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 29-Nov-2024