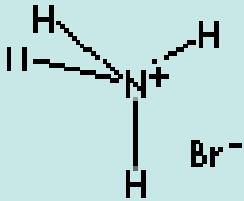


# AMMONIUM BROMIDE

## PRODUCT IDENTIFICATION

CAS NO.	12124-97-9
EINECS NO.	235-183-8
FORMULA	NH4Br
MOL WT.	98.98
H.S. CODE	
TOXICITY	Oral rat LD50: 2700 mg/kg
SYNONYMS	Hydrobromic Acid Monoammoniate;
DERIVATION	
CLASSIFICATION	



## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	white crystalline solid
MELTING POINT	
BOILING POINT	452 (sublime)
SPECIFIC GRAVITY	2.43
SOLUBILITY IN WATER	Soluble
pH	4.5 - 5.5 (5% sol.)
VAPOR DENSITY	
AUTOIGNITION	
NFPA RATINGS	Health: 2; Flammability: 0; Reactivity: 0
REFRACTIVE INDEX	
FLASH POINT	Not considered to be a fire hazard
STABILITY	Stable under ordinary conditions (hygroscopic)

## APPLICATIONS

Ammonium bromide is used as a flame retardant especially for chipboard. It is used in manufacturing photographic chemicals and emulsions.

## SALES SPECIFICATION

### PHOTO GRADE

APPEARANCE	white crystalline powder
NH4Br	99.5% min
CHLORIDE	0.2% max
IODIDE	0.01% max
IRON	2 mg/kg max
HEAVY METALS	2 mg/kg max
LOSS ON DRYING	0.5% max

### MEDICINE GRADE

APPEARANCE	white crystalline powder
NH4Br	99.0% min
CHLORIDE	0.5% max
IRON	10 mg/kg
HEAVY METALS	10 mg/kg
LOSS ON DRYING	1.0% max

### FLAME RETARDANT

APPEARANCE	white crystalline powder
NH4Br	99.0% min
BROMINE CONTENT	81.0% min
LOSS ON DRYING	1.0% max

## TRANSPORTATION

PACKING	25kgs, 50kgs in bag
HAZARD CLASS	Not regulated
UN NO.	

## OTHER INFORMATION

Hazard Symbols: XI, Risk Phrases: n/a, Safety Phrases: 36