

AMMONIUM BROMIDE

PRODUCT IDENTIFICATION

CAS NO. 12124-97-9

EINECS NO. 235-183-8

FORMULA NH4Br

MOL WT. 98.98

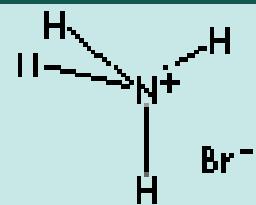
H.S. CODE

TOXICITY Oral rat LD50: 2700 mg/kg

SYNOMYS 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

REFRACTIVE INDEX

FLASH POINT

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 inbag

HAZARD CLASS Not regulated

UN NO.

OTHER INFORMATION

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