

Hydrobromic Acid, 48%

Brominated Performance Products

Identity:	Hydrobromic Acid, 48%	Physical/Chemical Properties	
Synonyms:	Hydrogen monobromide	Boiling Point:	126°C, (259°F)
Abbreviated Name:	HBr	Density:	1.49 g/ml
Chemical Family:	Aqueous hydrogen halide	Vapor Pressure:	8 mm Hg at 25°C
CAS Registry No:	10035-10-6; 7732-18-5	Physical State:	Liquid
EINECS No:	233-113-0; 231-791-2	Reactivity in Water:	Not water reactive
Structural Formula:	H-Br; H-O-H	Solubility:	Miscible
Molecular Formula:	HBr; H ₂ O	Pounds/Gallon, 25°C:	12.4
Molecular Weight:	80.9	Appearance and Odor:	A clear, colorless to light yellow, mobile liquid with acrid odor.
UN Shipping No:	UN1788		
Shipping Class:	Corrosive		
Manufacturing Sites:	USA		

General Sales Specifications

Assay	48% Min.
Appearance	FFFM
(Analytical method available upon request)	

Applications

Medicinals, dyes, perfumes, plastics, photographic chemicals

Packaging and Storage

Packaging: 5 gallon polyethylene pail, 60 lbs. net, 65 lbs. gross wt.
55 gallon polyethylene drum 625 lbs. net., 655 lbs gross wt.
Bulk

Health and Safety Information

Emergency Response	1-800-949-5167
Chemtrec	1-800-424-9300

For additional handling information, please see the Material Safety Data Sheet.

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