Ethyl Bromide
Brominated Performance Products

IDENTITY
Synonyms:
- Bromic ether
- Bromoethane
- Hydrobromic ether
- Monobromoethane
Abbreviated Name: EB
Chemical Family: Halogenated alkane
CAS Registry No: 74-96-4
EINECS No: 200-825-8
Structural Formula: Br - CH₂ - CH₃
Molecular Formula: C₂H₅Br
Molecular Weight: 108.97
UN Shipping No: UN1891
Shipping Class: Toxic

Physical/Chemical Properties
- Boiling Point: 38.4°C (101.1°F)
- Density: 1.45 g/ml
- Melting Point: -118.6°C (-182°F)
- Vapor Density (Air =1): 3.75
- Vapor Pressure: ~400 mm Hg @ 20°C
- Solubility in Water: 0.9g/100 g water
- Appearance and Odor: Clear, colorless, volatile liquid with ethereal odor

General Sales Specifications
- Assay, wt. %: 99.0 min.
- Acidity (asHBr), ppm: 5.0 max.
- Color, APHA: 20 max.

Applications
Intermediate for chemical synthesis

Packaging and Storage

Bulk Container Shelf Life: Due to the excellent solvent characteristics of low molecular weight alkyl bromides, the product should not remain in the storage alkyl bromides, the product should not remain in the storage for longer than one year after shipment. Longer storage may result in failure of the drum lining.

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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