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Technical Data Sheet

ETHYL IODIDE, IODOETHANE

1. Chemical Product Identification

GHS Product Identifier: 192.44, Iodoethane, Ethyl Iodide

Formula: CH₃CH₂I

CAS No.: 75-03-6

Formula Description: Clear, colorless to pale amber liquid.

Recommended Use: Iodoethane is used as an alkylating agent in solvents and other intermediates for the Epoxy Resin Industry. Ethyl iodide is an excellent ethylating agent. It is also used as the hydrogen radical promoter.

General Properties:

Molecular Weight: 155.97

Density: 1.950

Melting Point (°C): -108

Boiling Point (°C): 69-73

Appearance (25°C): Clear



2. Chemical Product Specifications

Chemical Identity	Assay (by gc)	Water
Iodoethane	98.0% minimum	0.5% maximum
	Residue	
	0.01% maximum	Material available with or without copper stabilizer.

3. Standard Packaging

Net Weight	Packaging
70 lbs.	UN3H1 5 gal Jerrican

220.46 lbs.	UN1H1 15 gal HD Black Poly Drum
400 lbs.	UN1H1 30 gal HDPE Drum
551.15 lbs.	UN6HA1 55 gal Steel Composite Drum

4. Transport Information

SHIPPING CRITERIA	US DOT	IATA
Proper Shipping Name	Non Regulated	Non Regulated
Hazard Class		
Identification Number		
Packing Group		
Shipping Label		
Additional Marking Requirement		

5. Handling and Storage

Storage Conditions: Store in UN-HDPE drum or Tote. Store in a cool, dry, well-ventilated area away from incompatible substances, direct sunlight or elevated temperatures. Keep containers tightly closed using a tamper-evident seal. Protect against physical damage. Shower and dispose of outer clothing and change to clean garments at the end of the day. Wash hands before eating and do not eat, drink or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues.

SDS with detailed information available upon request.