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## Technical Data Sheet

# 1-IODOBUTANE

### 1. Chemical Product Identification

**GHS Product Identifier:** 196.44, 1-Iodobutane, n-Butyl Iodide

**Formula:** C<sub>4</sub>H<sub>9</sub>I

**CAS No.:** 542-69-8

**Formula Description:** Colorless to amber liquid.

**Recommended Use:** 1-Iodobutane is used as an alkylating agent in solvents and other intermediates. Used in the electronics industry as a subsurface preparation.

**General Properties:**

Molecular Weight: 184.03

Specific Gravity (20°C): 1.617

Boiling Point (°C): 130-131

Solubility: Insoluble H<sub>2</sub>O; Soluble Alcohol, Ether, Chloroform



### 2. Chemical Product Specifications

Chemical Identity	Assay (by gc)	
1-Iodobutane	98.0% minimum	Material available with or without copper stabilizer.

### 3. Standard Packaging

Net Weight	Packaging
70 lbs.	UN3H1 5 gal Jerrican
198.41 lbs.	UN1H1 15 gal Deldrum

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	Flammable Liquid, N.O.S (1-Iodobutane)	Flammable Liquid, N.O.S (1-Iodobutane)
Hazard Class	Class 3	Class 3
Identification Number	UN 1993	UN 1993
Packing Group	PG III	PG III
Shipping Label	Flammable Liquid	Flammable Liquid
Additional Marking Requirement	Consult the 49 CFR §172 for special provisions and markings	Consult the IATA Dangerous Goods Regulations

#### 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.