

## Iodomethane (MeI)

### DESCRIPTION

Iodomethane, more commonly called methyl iodide (MeI) is a volatile organic compound used in many chemical reactions. It is an excellent methylating agent that is used in pharmaceutical synthesis as well as many organic syntheses. It is a vital catalyst for acetic acid manufacture and is an EPA registered soil fumigant.

### CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	Clear colorless liquid
Empirical Formula	CH <sub>3</sub> I
Molecular Weight:	141.9 g/mol
Typical Analysis:	>99% by GC
Boiling Point	41-43°C
Specific Gravity	2.27
Vapor Pressure:	53.3 kPa at 25°C
Solubility in Water	1.4 g/ 100ml at 20°C
Refractive Index	1.53

### APPLICATIONS

- Methylating Agent for various chemical reactions
- Pharmaceutical Intermediate
- Catalyst for acetic acid production
- Soil fumigant

### PACKAGING AND SHIPPING

- Methyl Iodide is shipped in UN approved stainless steel drums or isotainers
  - Micromatic valve available
- Typical Package Sizes: 100 – 125 kg  
250 kg  
isotainer 15MT-18MT

**For further information on product safety please consult the product MSDS**

