

Diiodomethane (Methylene Iodide)

CAS#75-11-6

DESCRIPTION

Diiodomethane, more commonly called methylene iodide (CH_2I_2) is dense iodoorganic compound. Because of its high specific gravity it is used to determine the density of minerals for the gemological industry. It is also used in pharmaceutical synthesis as well as other organic syntheses.

CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	Clear light yellow liquid (light sensitive)
Empirical Formula	CH_2I_2
Molecular Weight:	267.84 g/mol
Typical Analysis:	>98% by GC
Boiling Point	180-181°C
Specific Gravity	3.28-3.32
Solubility in Water	1.4 g/ 100ml at 20°C
Refractive Index	1.741

APPLICATIONS

- Mineral density determination
- Pharmaceutical Intermediate
- Chemical Intermediate

PACKAGING AND SHIPPING

- Methylene Iodide is shipped in UN approved amber glass bottles or plastic jerrican
- Typical Package Sizes:
 - 1 - 9kg
 - 20 kg
 - 34 kg
- Methylene Iodide is shipped as a Class 6.1 Toxic, Organic NOS Packing Group III UN2810

For further information on product safety please consult the product MSDS or for additional product specifications see sales specification sheet.

