

Methyl Iodide

Features of Methyl Iodide

- Product Name: Methyl iodide
- Chemical Formula: CH₃I
- CAS No.: 74-88-4
- Dangerous Grade: 6.1

Technical Data of Methyl Iodide

ITEMS	SPECIFICATION
Appearance	Clear and transparent liquid
Specific gravity	2.276-2.286(20°C)
Assay	≥99%
Distillation range	41.5-43.5°C

Package and Storage of Methyl Iodide

- 100kg/drum or 200kg/drum
- Store in a cool, dry place. Keep container closed when not in use

Application /Application Industries:

- Pharmaceuticals
- Catalyst

Methyl iodide is a halogenated hydrocarbon, and its molecular formula is CH₃I, MeI, which is an iodine substitute for methane. It is a volatile liquid with high density at room temperature, dipole moment 1.59D, refractive index 1.5304 (20 ° C, D), 1.5293 (21 ° C, D). Methyl iodide is miscible with common organic solvents. Pure color is colorless. When exposed to sunlight, it will decompose iodine and be purple. It can be removed by adding metallic copper. Methyl iodide is present in small amounts in rice fields. Methyl iodide is a methylation reagent commonly used in organic synthesis.

Applications of Methyl Iodide

- Used as a methylation reagent.
- Used as a fungicide, herbicide, insecticide or nematocidal and fire extinguisher components
- Used as a soil disinfectant as a substitute for methyl bromide (prohibited by the Montreal Convention)
- Due to the refractive index, methyl iodide is also used in microscopes.
- For medicine, organic synthesis, pyridine test, microscopy, etc.



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NCCM Methyl Lodide manufacturer supports various industries with superior quality products, including lubricants and metal-processing, personal care, C.A.S.E, pharmaceutical and pesiticide, oil and water treatment, flavors and fragrances, organic & inorganic chemicals, ect.

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