

## Propyl Iodide

### Features of China Propyl Iodide

- Product Name: Propyl iodide
- Chemical Formula: C<sub>3</sub>H<sub>7</sub>I
- CAS No.: 107-08-4
- Dangerous Grade: III Flammable liquid

### Technical Data of Propyl Iodide

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Colorless or yellowish transparent liquid	Conforms
Assay	≥99%	99.53%
Specific Gravity	1.740-1.750(20°C)	1.745
Water	≤200ppm	90ppm
Distillation Range	102-104°C	102.3°C
Conclusion	Complies	
Remarks	No free Iodine	
Melting point	-101 °C	

Boiling point	101-102 °C(lit.)
density	1.743 g/mL at 25 °C(lit.)
vapor pressure	43 mm Hg ( 25 °C)
refractive index	n <sub>20</sub> /D 1.504(lit.)
Fp	112 °F
storage temp.	Flammables area
solubility	1.1g/l
form	Liquid
color	Clear colorless to yellow
Watersolubility	Fully miscible in water.
Sensitive	Light Sensitive
Merck	14,7862
BRN	505937
Stability:	Stable, but may discolour on exposure to light. Incompatible with strong oxidizing agents, strong bases. Flammable.

**Package and Storage:**

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

**Application /Application Industries:**

- Solvent
- Organic synthesis

Propyl iodide (also 1-propyl iodide or 1-iodopropane) is a colorless, flammable chemical compound. It has the chemical formula  $C_3H_7I$  and is prepared by heating n-propyl alcohol with iodine and phosphorus.

NCMC propyl iodide manufacturer support 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.

The mission in NCMC is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.