

Technical Data Sheet

Basic information

Chemical name	Cuprous Iodide	Formula	CuI
Synonyms	CuI		
CAS.No.	7681-65-4	Chemical structure	Cu ⁺ I ⁻
EINECS No.	231-674-6		
Molecular weight	190.45		

Physical properties

Appearance	White or light yellow powder
Density,20℃,g/cm ³	5.62
Boiling point,℃	1290
Melting point,℃	605
Refractive index	2.346
Solubility	Insoluble in water and ethanol; Soluble in liquid ammonia, dilute hydrochloric acid, potassium iodide, potassium cyanide, etc..

Specification

Items	Specification
Appearance	White or light yellow powder
Assay (as CuI), %	≥99.00
Acid insoluble matter, %	≤0.02
Sulfate (as SO ₄ ²⁻), %	≤0.02
Alkali metals & alkali earth metals, %	≤0.20
Iron (Fe), %	≤0.005

Application

- Organic synthesis catalyst.
- Catalytic brominated aromatic hydrocarbons, brominated heterocyclic compounds and vinyl bromide.
- Resin modifying agent.
- Artificial rainfall agent.
- The anode tube cover.
- Animal feed additives
- With the determination of mercuric iodide production machinery bearing temperature indicator.

Package

- 25kg per fiber drum, or as per customer's requirements



Safety on transportation

It belongs to class 9 dangerous goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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