

## PRODUCT DATA SHEET

# Indium Monochloride

## Indium(I) Chloride

### Introduction

**Indium monochloride** is used as an indium precursor for deposition processes and in chemical synthesis.

### Properties

Description	Indium(I) chloride
Particle Shape/Appearance	Chunks and solid pieces of varying size, dark purple to black in color
Chemical Formula	InCl
Molecular Weight	150.27g/mol
Uses	Chemical synthesis
Purity Grades Available	5N
Specific Gravity	4.18g/cc
Melting Point	225°C
Theoretical Indium Percentage	76.4
Minimum Indium Percentage	73.0
Nominal Indium Percentage	73.0–76.4

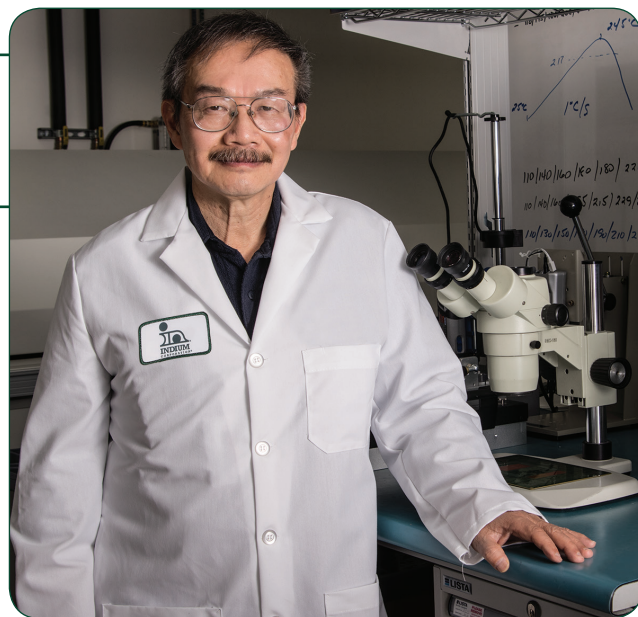
*All information is for reference only.  
Not to be used as incoming product specifications.*

### Packaging

- Vacuum-sealed in bags
- Available in 50, 100, 250, and 500gm
- Call for larger quantity packaging

### Storage and Shelf Life

- **Indium monochloride** slowly reacts with moisture in air; the solid chunks will liquefy when exposed to humidity.
- The material is double-bagged, with the vacuum-sealed inner bag enclosed by a second bag with a desiccant.
- **Indium monochloride** has a shelf life of 6 months.



### Technical Support

Indium Corporation sets the industry standard in providing rapid response, onsite technical support for our customers worldwide. Indium Corporation's team of Technical Support Engineers can provide expertise in all aspects of materials science.

### Safety Data Sheet

The SDS for this product can be found online at <http://www.indium.com/sds>

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices. All Indium Corporation's products and solutions are designed to be commercially available unless specifically stated otherwise.

## From One Engineer To Another®

Contact our engineers today: [askus@indium.com](mailto:askus@indium.com)

Learn more: [www.indium.com](http://www.indium.com)

ASIA +65 6268 8678 • CHINA +86 (0) 512 628 34900 • EUROPE +44 (0) 1908 580400 • USA +1 315 853 4900

Form No. 99604 (A4) R0



©2018 Indium Corporation