



# Product Specification

cdhfinechemical.com

## CADMIUM IODIDE

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>027553</b>  |
| <b>SYNONYMS</b>                    | --   |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | <b>7790-80-9</b>   |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>CdI<sub>2</sub></b>   |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>366.21</b>  |
| <b>PROPERTIES</b>                  | <b>Soluble in water, alcohol, ether, acetone, ammonia and acids.</b> |






| PARAMETER                     | LIMIT   |
|-------------------------------|---|
| Description                   | White crystals; odourless; becomes yellow on exposure to light and air. |
| Solubility                    | 5% solution in water is clear and colourless.                           |
| Minimum assay(Complexometric) | 99.0%   |

| MAXIMUM LIMIT OF IMPURITIES |        |
|-----------------------------|--------|
| Sulphate (SO <sub>4</sub> ) | 0.01%  |
| Copper (Cu)                 | 0.001% |
| Iron (Fe)                   | 0.002% |
| Lead (Pb)                   | 0.005% |
| Zinc (Zn)                   | 0.005% |

**Note(s) : 1) Assay (if applicable) method mentioned. 2) Air & Light Sensitive.**

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| <p><b>DANGER</b></p> <p><b>Hazard statements:</b> Toxic if inhaled. Toxic if swallowed. Harmful in contact with skin. May cause CANCER. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to life in the soil.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Do not breathe dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Use only outdoors or in a well ventilated area. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.</p> <p><b>Response:</b> Wash contaminated clothing before reuse. If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Get medical advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water.</p> <p><b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.</p> | <p>IMDG Code : 6.1/III</p> <p>UN No. : 2570</p> <p>IATA : 6.1</p> |
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| <p><b>Hazard Pictogram(s) :-</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <br/>GHS06         </div> <div style="text-align: center;"> <br/>GHS08         </div> <div style="text-align: center;"> <br/>GHS09         </div> </div> |
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Replace Date 20-Nov.-2019