

Safety Data Sheet (SDS)

COPPER IODIDE

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| 1. Identification of the Substance | PRODUCT NAME: Copper Iodide SYNONYM: Cuprous Iodide DISTRIBUTOR: EcoFusion Inc., PO Box 251408. Plano, TX 75025 – 1408 (USA) TEL: +1 972 403 7449 FAX: +1 214 291 5348 EMERGENCY: CHEMTREC 800 424 9300 |
| 2. Hazards Identification | EMERGENCY OVERVIEW: CAUTION! May cause eye and skin irritation. The toxicological properties of this material have not been fully investigated. Light sensitive. Harmful if swallowed. Causes respiratory tract irritation. May cause digestive tract irritation EYE: May cause eye irritation SKIN: May cause skin irritation INGESTION: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed. INHALATION: Dust is irritating to the respiratory tract. |
| 3. Composition / Information on Ingredients | CHEMICAL FORMULA: CuI EINECS #: 231-674-6 CAS NO.: 7681-65-4 INGREDIENTS: Copper, Iodine HAZARD SYMBOL: Xi RISK PHRASES: 36/37/38 |
| 4. First Aid Measures | SKIN: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. EYES: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. INGESTION: If victim is conscious and alert, give 2-4 cupful's of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately INHALATION: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid Treat symptomatically and supportively. |
| 5. Fire Fighting Measures | EXTINGUISHING MEDIA: May form very sensitive, explosive metallic compounds. Substance is non-combustible; use agent most appropriate to extinguish surrounding fire. GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. |
| 6. Accidental Release Measures | SPILL: Vacuum or sweep up material and place into a suitable disposal container. Reduce airborne dust and prevent scattering by moistening with water. Clean up spills immediately, observing precautions in the Protective Equipment section. GENERAL INFORMATION: Use proper personal protective equipment as indicated in Section 8. |

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| 7. Handling and Storage | <p>HANDLING: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes and skin and clothing.</p> <p>STORAGE: Keep container tightly closed. Avoid ingestion and inhalation. Do not store in direct sunlight. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.</p> |
| 8. Exposure Controls / Personal protection | <p>ENGINEERING CONTROLS: Use adequate ventilation to keep airborne concentrations low.</p> <p>EXPOSURE LIMITS: No information available.</p> <p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>EYE: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.</p> <p>CLOTHING & SKIN: Wear appropriate protective gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure.</p> <p>RESPIRATORS: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.</p> |
| 9. Physical and Chemical properties | <p>PHYSICAL STATE: Solid</p> <p>ODOUR: Odorless</p> <p>APPEARANCE: White to Grey Beige</p> <p>MELTING POINT: 1290 Deg C</p> <p>BOILING POINT: NA</p> <p>SOLUBILITY IN WATER: Insoluble in water</p> <p>MOLECULAR WEIGHT: 190.4505</p> <p>AUTOIGNITION TEMPERATURE: 605 Deg C</p> |
| 10. Stability and Reactivity | <p>STABILITY: Stable under ordinary conditions of use and storage.</p> <p>CONDITIONS TO AVOID: High temperature, light, dust generation</p> <p>HAZARDOUS POLYMERIZATION: Will not occur</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS: Oxidizing agents, alkali metals, potassium, acetylene.</p> |
| 11. Toxicological Information | NA |
| 12. Ecological Information | No Data Available |
| 13. Disposal Considerations | Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. |
| 14. Transport Information | In accordance with local and national regulations. UN Number: UN 3077 Hazard Class: 9 Packing Group:III |
| 15. Regulatory Information | None of the chemicals are on the Health & Safety Reporting List. None of the chemicals in this product are under a Chemical Test Rule. None of the chemicals are listed under TSCA Section 12b. None of the chemicals in this material have a SNUR under TSCA. |
| 16. Other Information | N/A |

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USERS' RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR THEIR OWN PARTICULAR USE.

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All non-emergency questions should be
Directed to Customer Service at

24 hour emergency Telephone: Chemtrec 800-424-9300
National response in Canada: Canutec 613-996-6666
Outside US & Canada: Chemtrec: 202-483-7616

Note: Chemtrec and Canutec emergency numbers
to be used only in the event of chemical
emergencies involving a spill, leak, exposure or
accident involving chemicals.