

Safety Data Sheet (SDS)

CALCIUM IODATE ANHYDROUS

1. Identification of the Substance	PRODUCT NAME: Calcium Iodate 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	POTENTIAL HEALTH EFFECTS Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation. Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation. POTENTIAL CHRONIC HEALTH EFFECTS: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.
3. Composition / Information on Ingredients	CHEMICAL FORMULA: Ca (IO ₃) ₂ MOLECULAR WEIGHT: 390.00 CAS NUMBER: 7789-80-2 EC NUMBER: 232-191-3
4. First Aid Measures	SKIN: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. EYES: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention. INGESTION: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. INHALATION: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
5. Fire Fighting Measures	EXTINGUISHING MEDIA: Any fire extinguishing agent, including water. HAZARDOUS DECOMPOSITION PRODUCTS: N/A Product is Non-Inflammable
6. Accidental Release Measures	Use appropriate tools to put the spilled solid in a convenient waste disposal container. For Large Spills: Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

7. Handling and Storage	<p>HANDLING: Precautions: Keep away from heat. Keep away from sources of ignition. Keep away from combustible material Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes</p> <p>STORAGE: Oxidizing materials should be stored in a separate safety storage cabinet or room.</p>
8. Exposure Controls / Personal protection	<p>ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.</p> <p>PERSONAL PROTECTIVE EQUIPMENT: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.</p>
9. Physical and Chemical properties	<p>PHYSICAL STATE: Solid</p> <p>ODOUR: NA</p> <p>pH: NA</p> <p>BOILING POINT: NA</p> <p>MOLECULAR WEIGHT: 389.99</p> <p>SOLUBILITY: NA</p> <p>MELTING POINT: Decomposes (540°C or 1004°F)</p> <p>SPECIFIC GRAVITY: 4.52 (water =1)</p>
10. Stability and Reactivity	<p>STABILITY: Stable under normal temperature and pressure conditions.</p> <p>CONDITIONS TO AVOID: None</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS:None</p>
11. Toxicological Information	<p>ROUTES OF ENTRY: Dermal contact. Eye contact. Inhalation. Ingestion.</p> <p>TOXICITY TO ANIMALS:</p> <p>LD50: NA</p> <p>LC50: NA</p> <p>CHRONIC EFFECTS ON HUMANS: The substance is toxic to lungs, mucous membranes. Other Toxic Effects on Humans: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of inhalation.</p>
12. Ecological Information	NA
13. Disposal Considerations	In accordance with local and national regulations
14. Transport Information	Not classified as dangerous in transport regulations.
15. Regulatory Information	Not listed as dangerous goods. Please pay attention to any applicable national regulations as to the hazards and safety information of this product.
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.

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

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to be used only in the event of chemical emergencies involving a spill, leak, exposure or accident involving chemicals.