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| Form #: | SDS-140 |
| Revision Date: | 12/22/2020 |
| Revision #: | 03 |
| Supersedes Date: | 10/30/2020 |

| Section 1: Identification | | | | | |
|---------------------------|--|--|---------------------------|------------------------------------|-----|
| Product Name: | CalOx [®] FT | Product Type / Description: | Liquid Calcium Fertilizer | | |
| Recommended Use: | Liquid Fertilizer | Other Means of Identification: | Liquid Calcium Fertilizer | | |
| Use Restrictions: | It is a violation of federal law to use this product in a manner inconsistent with its labeling. | | | | |
| Manufacturer: | BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108 | EPA Registration #: | N/A | Canada PMRA Registration #: | N/A |
| Telephone Number: | 1-888-273-3088 | Emergency Number: 1-800-424-9300 (CHEMTREC) | | | |

| Section 2: Hazard Identification | |
|---|--|
| GHS Classification | Hazard Statements |
| Acute Toxicity Oral: Category 4 Dermal: Category 4 Inhalation: Category 4 Skin Corrosion/Irritation: Category 2 Serious Eye Damage/Eye Irritation: Category 1 | Harmful if swallowed. Cause serious eye damage. Causes skin irritation. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H332: Harmful if inhaled. H335: May cause respiratory irritation. |
| Pictograms | Signal Word |
|  | DANGER |
| Precautionary Statements | |
| General | Response |
| P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. | P308 + P313: IF exposed or concerned: Get medical advice / attention. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Move person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/doctor. P321: For specific treatments see FIRST AID section on SDS or label. P363: Wash contaminated clothing before reuse. P370+P378: In case of fire: Use water or other suitable extinguishing media. P390: Absorb spillage to prevent material damage. |
| Prevention | Storage / Disposal |
| P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P281: Use personal protective equipment as required. P210: Keep away from heat, sparks or open flames, no smoking. P220: Keep away from combustible materials. P221: Take any precautions to avoid mixing with combustibles. P234: Keep only in original container. P260: Do not breathe fumes, mist or vapors. P262: Do not get in eyes, on skin or on clothing. P264: Wash thoroughly after handling. P270: Do not eat, drink, or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves, clothing, eye protection, face protection. | P405: Store locked up. P406: Store in corrosive resistant container, never use metal containers. P410: Protect from sunlight. P411: Store at temperatures not exceeding 55°C (131°F). P420: Store away from incompatible materials. P501: Dispose of contents/container in accordance with local/regional/national/international regulations. |

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Section 3: Composition / Information on Ingredients

| Components | CAS-No | % Composition (w/w) |
|--|------------|---------------------|
| Calcium Ammonium Nitrate | 15245-12-2 | 50-<70% |
| Ethoxylated branched rich alcohols C11-14, C13 | 78330-21-9 | 1-<3.0% |
| Zinc Nitrate | 7779-88-6 | 1-<2.5% |

Section 4: First-Aid Measures

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| Eye Contact: | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice. |
| Skin Contact: | Remove/take off contaminated clothing. Rinse skin with water/shower. |
| Ingestion: | Rinse mouth with water. Do not induce vomiting. |
| Inhalation: | Remove victim to fresh air in case of accidental inhalation or dust or fumes from overheating or combustion. If symptoms persist, call a physician. |
| Notes to Physician: | Show this safety data sheet to the doctor in attendance. |

Section 5: Fire-Fighting Measures

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| Suitable Extinguishing Media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable Extinguishing Media: | High volume water jet. Do not use a solid water stream as it may scatter and spread fire. |
| Combustion Products: | None. |
| Unusual Fire and Explosion Hazards: | None. |
| Protective Equipment for Firefighters: | In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. |

Section 6: Accidental Release Measures

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| Personal Precautions: | Wear Personal Protective Equipment during handling, evacuate unnecessary personnel from area. |
| Emergency Procedures: | Users should remove clothing and PPE as soon as possible after contamination. Wash skin thoroughly. |
| Environmental Precautions: | Do not discharge into drains or rivers. |
| Methods and Material for Containment and Clean-Up: | Wipe up with absorbent materials and keep in suitable, closed containers. Absorb into dry earth or sand. Dispose of contents and container in accordance with local and national regulations. |

Section 7: Handling and Storage

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|--------------------------------|---|
| Handling: | Not Applicable. |
| Storage: | Store in a cool, well ventilated area. Keep container tightly closed in a dry and well-ventilated place avoid direct sunlight and extreme temperatures. |
| Incompatible Materials: | No data available. |

Section 8: Exposure Controls / Personal Protection

Components with Workplace Control Parameters

| Component | ACGIH | ACGIH | OSHA PEL |
|---------------------------------------|---|-------|----------|
| NA | NA | NA | NA |
| Engineering Controls: | Eye wash station and emergency shower in the vicinity of usage. | | |
| General Hygienic Practices: | Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. | | |
| Personal Protective Equipment: | Protective clothing, safety glasses, gloves. | | |
| Respiratory Protection: | None needed in normal usage (liquid suspension). | | |
| Eye / Face Protection: | Safety glasses / goggles. | | |
| Hands: | Latex or nitrile gloves. | | |
| Skin / Body: | Wear suitable protective clothing PPE. | | |

Section 9: Physical and Chemical Properties

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|--------------------------|----------------|--------------------------|----------------|-----------------------------|----------------|
| Appearance: | Brown liquid | Odor: | Not available. | Odor Threshold: | Not available. |
| pH: | Approx. 2.3 | Specific Gravity: | Not available. | Viscosity: | Not available. |
| Melting Point: | Not available. | Freezing Point: | Not Available | Boiling Point: | Not available. |
| Flash Point: | Not available. | Flammability: | flammable. | Flammability Limits: | Not available. |
| Vapor Pressure: | Not available. | Vapor Density: | Not available. | Solubility: | Not available |
| Evaporation Rate: | Not available. | Auto-Ignition | Not available. | Decomposition | Not available |

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|--|-----------------------------|----------------|--|--------------|--|
| Relative Density: | 1.4 – 1.5 g/cm ³ | Temperature: | | Temperature: | |
| Partition Coefficient n-octanol / water: | | Not available. | | | |

Section 10: Stability and Reactivity

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| Stability: | Stable under ordinary conditions of use and storage. |
| Conditions to Avoid: | Direct sunlight. Extreme temperatures. |
| Incompatible Materials: | No data available |
| Hazardous Decomposition Products: | No data available |

Section 11: Toxicological Information

| Acute Toxicological Data | | | |
|-----------------------------------|--|---------------------------|----------------|
| Oral LD50: | Not available. | Dermal LD50: | Not available. |
| Inhalation LC50: | | Not available. | |
| Likely Routes of Exposure: | Inhalation, eye contact, skin contact. | | |
| Symptoms and Effects | | | |
| Condition | Acute Effects | Chronic (Delayed) Effects | |
| Eye Contact: | No data available | None. | |
| Skin Contact: | No data available | None. | |
| Inhalation: | No data available | None. | |
| Ingestion: | No data available | None. | |

Section 12: Ecological Information

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|---------------------------------------|---|
| Ecotoxicity: | No data available |
| Persistence and Degradability: | Not available. |
| Bioaccumulation Potential: | Not available. |
| Mobility in Soil: | Not available. |
| PBT identification: | This product is not identified as a PBT/vPvB substance. |
| Other Adverse Effects: | Not applicable. |

Section 13: Disposal Considerations

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| Waste from Residues and Unused Product: | Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. |
| Contaminated Container Disposal: | Do not reuse or refill this container. Triple rinse empty containers with clean water. Clean and empty containers are to be recycled or placed in the trash. |

Section 14: Transport Information

| UN Number | UN Proper Shipping Name | Hazard Class (Subsidiary) | Label (Subsidiary) | Packing Group | Marine Pollutant |
|---|-------------------------|---------------------------|--------------------|---------------|------------------|
| Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations | | | | | |

Section 15: Regulatory Information

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|------------------------------------|---|--|------------------------|-------------------------|-----------------|
| TSCA Inventory List: | No | US EPA CERCLA Hazardous Substances: | Not applicable. | | |
| SARA Title III Sec. 302/303 | This material does not contain any components with a section 302 EHS TPQ. | Sec. 302 TPQ: | Not applicable. | | |
| SARA Title III Sec. 311/312 | Acute toxicity (any route of exposure) Serious eye damage or eye irritation | Hazard Category: | Acute, Chronic Health. | Sec. 304 EHS RQ: | Not applicable. |
| US EPA EPCRA Sec. 313 | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. | | | Threshold Qty: | Not applicable. |
| NFPA Rating | Health: 2 | Flammability: 0 | Reactivity: 0 | Special: | Not applicable. |
| HMIS Rating | Health: 2 | Flammability: 0 | Physical: 0 | PPE: | Recommended. |
| CAN WHMIS Classification | Not applicable. | | | | |
| California Prop 65 | This product does not contain any substances known to the state of California to cause cancer, developmental and/or | | | | |

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reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16: Other Information

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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For additional information, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com

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Key to Abbreviations

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| ACGIH - American Conference of Governmental Industrial Hygiene | TWA - Time-Weighted Averages are based on 8h/day, 40h/week exposures |
| NIOSH - National Institute of Occupational Safety and Health | STEL - Short Term Exposure Limits are based on 15-minute exposures |
| OSHA - Occupational Safety and Health Administration | STEV - Short Term Exposure Value |
| EHS - Environmental Health and Safety | PEL - Permissible Exposure Limit |
| DOT - Department of Transportation | CAN TDG - Canadian Transportation of Dangerous Goods |
| EPA - Environmental Protection Agency | TSCA - Toxic Substances Control Act |
| TPQ - Threshold Planning Quantity | RQ - Reportable Quantity |
| CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act | SARA - Superfund Amendments and Reauthorization Act |
| NFPA - National Fire Protection Association | HMIS - Hazardous Materials Identification System |
| WHMIS - Workplace Hazardous Materials Information System (Canada) | EPCRA - Emergency Planning and Community Right-to-Know Act |