


Form #:	SDS-140
Revision Date:	12/22/2020
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Section 1: Identification					
<b>Product Name:</b>	CalOx <sup>®</sup> FT	<b>Product Type / Description:</b>	Liquid Calcium Fertilizer		
<b>Recommended Use:</b>	Liquid Fertilizer	<b>Other Means of Identification:</b>	Liquid Calcium Fertilizer		
<b>Use Restrictions:</b>	It is a violation of federal law to use this product in a manner inconsistent with its labeling.				
<b>Manufacturer:</b>	<b>BioSafe Systems, LLC</b> 22 Meadow Street   East Hartford, CT 06108	<b>EPA Registration #:</b>	N/A	<b>Canada PMRA Registration #:</b>	N/A
<b>Telephone Number:</b>	1-888-273-3088	<b>Emergency Number: 1-800-424-9300 (CHEMTREC)</b>			

Section 2: Hazard Identification	
<b>GHS Classification</b>	<b>Hazard Statements</b>
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.
<b>Pictograms</b>	<b>Signal Word</b>
	<b>DANGER</b>
<b>Precautionary Statements</b>	
<b>General</b>	<b>Response</b>
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.
<b>Prevention</b>	<b>Storage / Disposal</b>
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

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

### Section 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media:</b>	High volume water jet. Do not use a solid water stream as it may scatter and spread fire.
<b>Combustion Products:</b>	None.
<b>Unusual Fire and Explosion Hazards:</b>	None.
<b>Protective Equipment for Firefighters:</b>	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

<b>Personal Precautions:</b>	Wear Personal Protective Equipment during handling, evacuate unnecessary personnel from area.
<b>Emergency Procedures:</b>	Users should remove clothing and PPE as soon as possible after contamination. Wash skin thoroughly.
<b>Environmental Precautions:</b>	Do not discharge into drains or rivers.
<b>Methods and Material for Containment and Clean-Up:</b>	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

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

### Section 8: Exposure Controls / Personal Protection

#### Components with Workplace Control Parameters

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

### Section 9: Physical and Chemical Properties

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

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

### Section 10: Stability and Reactivity

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

### Section 11: Toxicological Information

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

### Section 12: Ecological Information

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

### Section 13: Disposal Considerations

<b>Waste from Residues and Unused Product:</b>	Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
<b>Contaminated Container Disposal:</b>	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

<b>TSCA Inventory List:</b>	No	<b>US EPA CERCLA Hazardous Substances:</b>	Not applicable.		
<b>SARA Title III Sec. 302/303</b>	This material does not contain any components with a section 302 EHS TPQ.	<b>Sec. 302 TPQ:</b>	Not applicable.		
<b>SARA Title III Sec. 311/312</b>	Acute toxicity (any route of exposure) Serious eye damage or eye irritation	<b>Hazard Category:</b>	Acute, Chronic Health.	<b>Sec. 304 EHS RQ:</b>	Not applicable.
<b>US EPA EPCRA Sec. 313</b>	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.			<b>Threshold Qty:</b>	Not applicable.
<b>NFPA Rating</b>	<b>Health:</b> 2	<b>Flammability:</b> 0	<b>Reactivity:</b> 0	<b>Special:</b>	Not applicable.
<b>HMIS Rating</b>	<b>Health:</b> 2	<b>Flammability:</b> 0	<b>Physical:</b> 0	<b>PPE:</b>	Recommended.
<b>CAN WHMIS Classification</b>	Not applicable.				
<b>California Prop 65</b>	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](http://www.P65Warnings.ca.gov).

### Section 16: Other Information

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

To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither BioSafe Systems nor any of its affiliates make any warranty, expressed or implied, or accept any liability relating to the information or its use. The information is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability of any information or material for any contemplated use, the manner or use and whether any patents are infringed. Always read and follow label directions.



For additional information, call us toll-free at 1.888.273.3088 or visit [www.biosafesystems.com](http://www.biosafesystems.com)

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### Key to Abbreviations

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