



SAFETY DATA SHEET

Version 1

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product Name SB CAL-10
Product Code 57266
Recommended Use Industrial, Manufacturing or Laboratory use.
Restrictions on Use None known
Manufacturer
SoilBiotics, 2902 W State Route 17, Kankakee, IL, 60901, 815-929-1752
Emergency Telephone:
INFOTRAC (US): 1-800-535-5053

2. Hazards Identification

GHS - Classification

Serious eye damage/eye irritation Category 2

Hazards not otherwise classified (HNOC)

Not applicable

Label elements



Signal Word: Warning

Hazard Statements:

- Causes serious eye irritation

Precautionary Statements:

- Wash face, hands and any exposed skin thoroughly after handling
- Wear eye/ face protection
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention

3. Composition / Information on Ingredients

Chemical name	CAS No.	Weight-%
Trade Secret 1	-	26-28
Trade Secret 2	-	<2
Trade Secret 3	-	8-10
Trade Secret 4	-	6-8
Trade Secret 5	-	Balance

Any concentration shown as a range is due to batch variation or the exact percentage has been withheld as a trade secret.

4. First Aid Measures**Description of first aid measures**

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).
Most important symptoms and effects, both acute and delayed	
Symptoms	May cause redness and tearing of the eyes.
Indication of any immediate medical attention and special treatment needed	
Note to physicians	Treat symptomatically.

5. Fire-fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	
Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Other information	Refer to protective measures listed in Sections 7 and 8.
Methods and material for containment and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

7. Handling and Storage**Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible materials	Strong acids. Strong oxidizing agents. Zinc. Calcium oxides. Bromine Trifluoride. Methyl vinyl ether. Borane/Boron oxides.

8. Exposure Controls / Personal Protection**Control parameters**

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational
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exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.
 Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.
 Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:	Liquid	Odor:	No information available
Appearance:	No information available	Odor Threshold:	No information available
Color:	Yellow-orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	7	
Salt Out Point:		No information available
Melting Point/Freezing Point:		No information available
Boiling Point/Boiling Range:		No information available
Flash Point:		No information available
Evaporation Rate (BuAc=1):		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:		Lower Flammability Limit:
Vapor Pressure (mm Hg):		No information available
Vapor density (Air =1)		No information available
Specific Gravity (H ₂ O=1):	1.332	
Specific Gravity (2nd value):		
Water Solubility:		No information available
Solubility(ies):		No information available
Partition Coefficient (n-octanol/water)		No information available
Autoignition Temperature:		No information available
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		No information available
Oxidizing Properties:	No information available	
Explosive Properties:	No information available	

9.2. Other information

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content(%):	No information available
Liquid Density	No information available
Bulk density	No information available

10. Stability and Reactivity

Reactivity No information available.

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Protect from moisture.
Incompatible materials	Strong acids. Strong oxidizing agents. Zinc. Calcium oxides. Bromine Trifluoride. Methyl vinyl ether. Borane/Boron oxides.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes.

Numerical measures of toxicity

No information available

Acute Toxicity:

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	3,447.90 mg/kg
ATEmix (dermal)	14,300.00 mg/kg

Unknown Acute toxicity 48 % of the mixture consists of ingredient(s) of unknown toxicity
8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
20 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
48 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
48 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
48 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD ₅₀ :	Dermal LD ₅₀ :	LC ₅₀ (Lethal Concentration):
Trade Secret 1	= 1000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Trade Secret 2	= 3250 mg/kg (Rat)	-	-
Trade Secret 3	= 25800 mg/kg (Rat)	-	-
Trade Secret 5	> 90 mL/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Irritating to eyes.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Other Adverse Effects:	No information available.
Aspiration hazard	No information available.

12. Ecological Information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Trade Secret 1	-	10650: 96 h Lepomis macrochirus mg/L LC50 static	-	2280000 - 3948000: 48 h Daphnia magna µg/L LC50
Trade Secret 2	-	6800: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	-	-

Persistence and Degradability:	No information available.
Bioaccumulation:	There is no data for this product.
Other Adverse Effects:	No information available.

13. Disposal Considerations

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14. Transport Information

DOT	
Description	Not DOT Regulated

15. Regulatory Information

International Inventories

AICS	Complies
TSCA	-
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-

Chemical name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Trade Secret 1	Present	Present	Present	-	Present	-	Present	Present	Present	Present

		ACTIVE						[24053]		
Trade Secret 2	Present	Present ACTIVE	Present	-	Present	-	Present	Present [39193]	Present	Present
Trade Secret 3	Present	Present ACTIVE	Present	-	Present	-	Present	Present [25681]	Present	Present
Trade Secret 4	Present	-	Present	-	-	-	-	-	-	-
Trade Secret 5	Present	Present ACTIVE	Present	-	Present	-	Present	Present [32224]	Present	Present

Inventory Legend

AICS - Australian Inventory of Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

RESTRICTIONS - REACH TITLE VII No information available**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

16. Other Information

Prepared By: HSE Department

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Revision Date: 24-Apr-2020

Revision Note: New Product

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet