

ORGANIC LABORATORIES, INC.
5520 Glades Cut-Off Road
Fort Pierce, FL 34981
(772) 286-5581 FAX (772) 286-8113

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BioCarb 3-2-3

Date of Revision: 12/16/2014

NFPA HAZARD RATINGS: Health(1), Fire(0), Reactivity(0).
 (0)least (1)slight (2)moderate (3)high (4)extreme.

Section 1-CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Manufacturer: Organic Laboratories, Inc. 5520 Glades Cut-Off Road Fort Pierce, FL 34981 **Phone:** 772-286-5581

Emergency Telephone: 772-286-5581 **ChemTel, Inc Phone:** 800-255-3924

PRODUCT NAME:	BioCarb 3-2-3 Liquid Turf and Ornamental Fertilizer
CHEMICAL NAME:	Inorganic / Organic Chemical Fertilizer Mixture
CHEMICAL FAMILY:	N-P-K Mixed liquid blended fertilizer
EPA REG NUMBER:	Not applicable

Section 2-COMPOSITION/INFORMATION

KEEP OUT OF REACH OF CHILDREN – CAUTION – May cause mild eye and skin irritation. Avoid contact with skin, eyes, open cuts, or sores. In case of contact, flush with water. Get medical attention for eyes. This blended liquid fertilizer is a mixture of Urea, Ammonium Polyphosphate, Phosphoric Acid, Iron Sulfate, Manganese Sulfate, and Molasses. Nausea and vomiting could be expected upon large dose ingestion. The acute ingestive effects are described as nausea, chills, and diarrhea. Eye or skin contact with these products could cause irritation (particularly in sensitive persons), and respiratory irritation could be expected from the unprotected inhalation of fertilizer mists. Product users should avoid prolonged or repeated skin contact by wearing impervious gloves, long sleeve shirt, long pants, socks and rubber boots. Goggles for eye protection are recommended. Wash thoroughly after handling and using this product. This product is a black-colored liquid with sweet molasses odor. Primary routes of entry are Inhalation, eye contact and skin contact.

HAZARDOUS INGREDIENT NAME **FORMULA** **CAS No.**
 Non Hazardous / Non Regulated / Non Nitrate Formula

Section 3-HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential Health Effects

Route(s) of entry:	Inhalation: No	Skin: No	Ingestion: yes
Health Hazards (acute and chronic)	If ingested, may cause loose stools. Drink plenty of water and consult a physician. Do not induce vomiting.		
Carcinogenicity	NTP: No	IARC: No	OSHA Regulated: No
Signs and symptoms of exposure:	None known, see health hazards		
Medical conditions generally aggravated by exposure:	None known		

Section 4-FIRST AID MEASURES

If in eyes	Flush eyes with clean running water for at least 15 minutes. If irritation persists, get medical attention.
If on skin	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, or if a rash develops, get medical attention.
If swallowed	Drink 1 or 2 glasses of water. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious person.
If inhaled	Remove to fresh air. If irritation persists, get medical attention.

Section 5-FIRE FIGHTING MEASURES

Flash point: None	Flammable units: None	LEL: N/A
Extinguisher media: None	Special firefighting procedures: None	UEL: N/A

Section 6-ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:	Wash away promptly with water
Neutralization:	Product may be instantly neutralized with lite soda ash, neutralization is not necessary, however

Section 7- HANDLING and STORAGE

Waste disposal method:	As with all chemical product and materials, dispose of residue in accordance with Federal, State, and Local guidelines
Precautions for handling:	Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after using this product and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Storage:	Store in original containers only. Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area; preferably in a locked storage area away from children, feed, and food products. Store at ambient temperatures.

Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:	None
Ventilation	No special ventilation required
Protective gloves:	None
Eye Protection:	Safety glasses or goggles recommended for use
Other protective clothing or equipment:	None

Section 9-PHYSICAL/CHEMICAL PROPERTIES

Boiling point: 253 F	Specific gravity: 1.39
pH: 3.0-3.5	Melting point: N/A
Vapor density: >1	Evaporation rate: <.01
Solubility in water: 100%	Appearance and odor: brown, sweet-smelling liquid

Section 10-STABILITY AND REACTIVITY

Stability:	100% Stable
Conditions to avoid:	None known
Incompatibility:	None known
Hazardous decomposition or byproducts:	Urea may decompose to release cyanuric acid, ammonia, HCN, NO.
Hazardous polymerization:	None
Conditions to avoid:	None

Section 14-TRANSPORT INFORMATION

DOT Transportation Data:	Transportation of Dangerous Goods Act Classification: Not Regulated
DOT Classification:	Fertilizing compounds (manufactured fertilizers), NOI: Liquid. Non toxic, non corrosive, non hazardous, class 60

Section 15 – Regulatory Information

NFPA & HMIS Hazard Ratings:	Health: 1 Flammability: 0 Instability: 0 PPE: H
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