

ORGANIC LABORATORIES, INC.
P.O. Box 1931
Stuart, FL 34995
(772) 283-5581 FAX (772) 286-8113

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: Biocarb
Date of Preparation: 11/29/2005
 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. PO Box 1931 Stuart FL 34991 **Phone:** 772-286-5581
Emergency Telephone: 772-223-9260 **ChemTel, Inc Phone:** 800-255-3924

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| PRODUCT NAME: | Biocarb 2-3-2 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

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| 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

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| 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 |

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| | 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

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

Section 6-ACCIDENTAL RELEASE MEASURES

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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