

NLB 1050™ Material Safety Data Sheet

Section 1: Chemical Product & Company Information

Emergency Contact: (204) 891-4716
Manufactured by: NewLeaf Biologics
P.O. Box 246, 49084 Poirer Road
Illes Des Chenes, Manitoba Canada
Product Name: NLB-1050 cold weather

Section 2: Composition/Information on Ingredients

Active Ingredient: Proprietary Bacterial Blend – n/a

Section 3: Hazardous Identification

Emergency Overview: May cause slight eye and skin irritation. Harmful if swallowed.

Ingestion: May cause slight intestinal upset.

Inhalation: May cause slight respiratory tract irritation.

Eye Contact: May cause irritation or redness from direct contact.

Skin Contact: Prolonged or repeated contact may cause irritation and dermatitis in sensitive individuals

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. Immediately drink large quantity of water. Never give anything by mouth to unconscious patient. Seek immediate medical attention.

Inhalation: Seek a fresh air environment and follow up with medical attention if cough or other symptoms develop.

Eye Contact: Remove contact lenses and immediately flush eyes with lots of cool running water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water. Seek medical attention if irritation persists.

Section 5: Fire Fighting Measures

NFPA Hazard Class: Health: 0 Fire: 0 Reactivity: 0

Flash Point: n/a

Flammable Limits: n/a

Extinguishing Media: n/a

Unusual Fire & Explosion Hazards: None known

Section 6: Accidental Release Measures

Response to Spills: Dilute/wash spilled product into soil or down storm water drain or ditch. Product will no harm water bodies.

Section 7: Handling and Storage

Handling: Wash hands immediately before and after use. Use gloves when available.

Storage Precautions: Refrigerate. Keep out of direct sunlight.

Section 8: Exposure Controls/Personal Protection

Hygienic Practices: Wash hands before and after use.

Engineering Controls: No special ventilation or respiratory equipment required.

Gloves: Optional with PVC, neoprene or nitrile gloves all acceptable.

Other Protective Equipment: None.

Section 9: Physical and Chemical Properties

Appearance: Milky yellow liquid

Odour: Strong musky odour

Boiling Point: 100°C Freezing Point: 0°C Melting Point: n/a

pH: 6.8-7.2

Specific Gravity: 1.0

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Direct sunlight; Freezing

Incompatibility: Antimicrobials and harsh chemicals may inactivate product

Hazardous Decomposition Products: None.

Hazardous Polymerization: n/a

Section 11: Toxicological Information

Carcinogenicity: This product does not contain any known or anticipated carcinogens according to the criteria of the NFP Annual Report on Carcinogens and OSHA 29 CFR 1920.

Other Effects: None.

Acute: Not Determined

Chronic: Not Determined

Section 12: Ecological Information

Biodegradability: Product is a mixture of live microorganisms in vegetative form and is considered biodegradable.

Section 13: Disposal Considerations

Waste Disposal Method: Rinse containers with water and then discard empty containers to local recycling facilities.

RCRA Classification: Non-hazardous

Section 14: Transport Information

DOT Classification: Non-hazardous

UN/NA number: n/a

Product RQ: n/a

DOT Label: n/a

DOT Placard: n/a

Section 15: Regulatory Information

OSHA: n/a

TSCA: n/a

EPA Reg: n/a

FDA Reg: n/a

Kosher: n/a

SARA Title III Material: n/a

USDA Authorized: n/a

RCRA status: n/a

Section 16: Other Information

Health Hazard: 0

Flammability: 0

Reactivity: 0

Special Hazard: 0

Information contained in this MSDS refers only to the specific material designated and does not relate to any other material or process. This information is based on data believed to be reliable and the product is intended for use in the manner that is customary and reasonably foreseeable for this product. Since actual use and handling are beyond our control, no warranty, express or implied is made and no liability is assumed in connection with the use of this information.