

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED FOR:

Turf Trade
517 Franklinville Rd.
Mullica Hill, NJ 08062
(856) 478-6704

PRODUCT NAME: Bio Fusion L
CHEMICAL NAME: Liquid Fertilizer Blend

Date of Issue: March 6, 2024

2. HAZARDS IDENTIFICATION SUMMARY

GHS RATINGS:

Signal Word: None

GHS Hazards:

None classified

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard

Precautions:

Read label before use.
Keep out of reach of children.
If medical advice is needed, have product container or label at hand.

3. COMPOSITION & INFORMATION ON INGREDIENTS

Liquid Fertilizer Blend – No hazardous ingredient exceeds 1% of mixture.

4. FIRST AID MEASURES

If in eyes: Immediately rinse with water for 5 minutes
If on skin: Wash skin with soap and water
If swallowed: Rinse mouth with water and drink large a quantity of water
If inhaled: Remove product or move person to fresh air

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): Aqueous solution, will not burn
FLAMMABLE LIMITS (LFL & UFL): Not applicable
EXTINGUISHING MEDIA: Use foam, CO₂, dry chemical, or water
HAZARDOUS COMBUSTION PRODUCTS: Not applicable
SPECIAL FIRE FIGHTING PROCEDURES: Remove container from fire area

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Stop leak, contain spill, and absorb with soil or natural absorbents. Sweep up waste and place in container for disposal. Wash down area. Uncontaminated spilled material may be reused.

7. HANDLING AND STORAGE

HANDLING: Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product.
STORAGE: Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals. Avoid storage at temperatures of 110°F or higher. Corrosive to steel, aluminum, brass. Use with stainless steel or PVC fittings. Product may stain unfinished wood, painted surfaces, or concrete.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Not normally required.
RESPIRATORY PROTECTION: Not normally required.
PERSONAL PROTECTIVE EQUIPMENT: Chemical goggles or shielded safety glasses and rubber or neoprene gloves are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Opaque dark brown liquid, organic odor
SOLUBILITY: Soluble in water
pH: 3.8
SPECIFIC GRAVITY (Water = 1): 1.16
VAPOR PRESSURE: Not established
PERCENT VOLATILE (by volume): Not established
BULK DENSITY: 9.6 lbs/gal
BOILING POINT: 100 C
EVAPORATION RATE: Not established

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY: Stable for at least 2 years under normal conditions.
INCOMPATIBILITY: Strong acids and bases
HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀(rat): Not established
Acute Dermal LD₅₀(rabbit): Not established
Eye Irritation (rabbit): Not established
Inhalation LC₅₀(rat): Not established
Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH
Skin Irritation (rabbit): Not established
Skin Sensitization (guinea pig): Not established

12. ECOLOGICAL INFORMATION

Ecotoxicology: Due to the non-toxic classification of this product no negative impact on wildlife is expected.
Biodegradation: Oxidation and microorganisms.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Contaminated absorbents and surplus product should be buried in accordance with any local legislation.
Container disposal: Wash thoroughly with water and soap prior to reuse.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.
U.S. Surface Freight Classification: FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI; LIQUID (NMFC 68140, SUB 6)

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA		HMIS
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
	4 Severe		

Reportable Quantity (RQ) under U.S. CERCLA: Not listed
TSCA (Toxic Substance Control Act): Mixture not listed or excluded from listing
Reportable Quantity (RQ) under U.S. CERCLA: Not listed
SARA, Title III, Section 313: Not listed
RCRA Waste Code: Not listed

16. OTHER

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