

Safety Data Sheet – Bio Terra Complete

Section 1 – Identification

Product identifier: Bio Terra Complete.

Supplier: Multi-Blend Ltd., 6535 Millcreek Drive, Units 9-12, Mississauga, Ontario, L5N 2M2, 905-678-9559, admin@multiblend.com

Recommended use: Cleaner.

Emergency contact: Canutec – 1-888-CAN-UTEC (226-8832) or 613-996-6666 or *666 on a cellular phone.

Section 2 – Hazard Identification

Classification: *WHMIS Information: This product is a WHMIS Hazardous product.*
This product falls into the following classifications:

- Serious Eye Damage: Category 1 - H318

GHS Label Elements:



Signal word: Danger

Hazard statement(s):

H318 Causes serious eye damage.

Precautionary statement(s):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Emergency overview: Orange liquid. Corrosive to eyes.

Carcinogenic status: Not known to be carcinogenic. See TOXICOLOGICAL INFORMATION, section 11.

Additional health hazards: See TOXICOLOGICAL INFORMATION, section 11.

Potential environmental effects: See ECOLOGICAL INFORMATION, section 12.

Section 3 – Composition/Information on ingredients

Ingredient	CAS	Concentration w/v%
Dimethyl-2-methyl glutarate (Dimethyl 2-methylpentanedioate)	14035-94-0	18.0%-36.0%
Aliphatic ethoxylated alcohols (3R)-3-ethoxy-2-methylnonane)	78330-20-8	18.0%-36.0%
Ethoxyl-propoxyl terpene (Methyloxirane polymer with oxirane, mono[2-(6-6, dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethyl] ether	174955-61-4	3.0%-6.0%
Polyethylene glycol (Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-Ethane-1,2-diol, ethoxylated)	25322-68-3	<3.0%

Section 4 – First Aid Measures

Inhalation: If unwell after inhalation, remove person to fresh air and keep at rest in a comfortable breathing position. If feeling persists, seek medical attention.

Skin contact: Rinse skin thoroughly with soap and water. If irritation persists, seek medical attention.

Eye contact: Rinse eyes thoroughly with water for at least 15 minutes and seek immediate medical attention. Remove contact lenses if possible.

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Do not give anything by mouth to an unconscious person. If unwell, seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flammability: Non-flammable.

Recommended means of extinction: Dry chemical, carbon dioxide, foam, water spray.

Special procedures: No data available.

Hazardous combustion products: No data available.

Oxidizing properties: No data available.

Safety Data Sheet – Bio Terra Complete

Section 6 – Accidental Release Measures

Personal precautions: Wash hands thoroughly after handling. All personnel dealing with accidental release should take necessary precautions as outlined in EXPOSURE CONTROLS AND PERSONAL PROTECTION, Section 8

Spill response: Dike area and contain spill. Soak up with absorbent material (e.g. sand, earth). Pump to container for recovery or disposal. Pick up remainder with wet vacuum. (See DISPOSAL CONSIDERATIONS, Section 13).

Section 7 – Handling and Storage

Safe handling procedures: Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling.

Safe storage procedures: Store at room temperature. Keep from freezing.

Section 8 – Exposure Controls and Personal Protection

Engineering controls: Good general ventilation should be used.

Personal protective equipment (PPE):

Skin: Gloves made of rubber or vinyl should be used. Prior to use, user should confirm impermeability. Discard contaminated gloves. Wash and dry hands after use.

Eyes: Safety goggles or face shield should be used. Ensure equipment is properly fitted for the user. Equipment should be tested and approved under government standards. Contact lenses should not be worn when working with this material.

Respiratory: Not normally required. If in poorly ventilated areas, self contained breathing apparatus should be used. Ensure equipment is properly fitted for the user. Equipment should be tested and approved under government standards.

Other: If contact deemed possible, impermeable footwear and clothing should be used. Wash hands before breaks and when finished with chemical.

Section 9 – Physical and Chemical Properties

Physical state: Liquid.

Appearance: Clear.

Odour: No data available.

Odour Threshold: No data available.

pH: 7.0

Freezing point: No data available.

Boiling point: No data available.

Flash point: No data available.

Flammability: Not applicable.

Flammability limits: No data available.

Vapour pressure: No data available.

Vapour density: No data available.

Specific gravity: 1.00

Solubility: No data available.

Partition coefficient: No data available.

Auto ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: No data available.

Evaporation rate: No data available.

Section 10 – Stability and Reactivity

Chemical stability: Stable. See STORAGE AND HANDLING, Section 7

Hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: No data available.

Section 11 – Toxicological Properties

Ingredient	LD50 (Oral)	LD50 (Dermal)	LD50 (Inhalation)
Dimethyl-2-methyl glutarate	>2000 (rat)	No data	No data
Aliphatic ethoxylated alcohols	>2000 (rat)	>2000 (rabbit)	No data
Ethoxyl-propoxyl terpene	No data	No data	No data
Polyethylene glycol	>15000 (rat)	No data	No data

Effects of acute exposure: May cause severe eye irritation. May cause irritation in mouth, throat and abdomen upon ingestion.

Effects of chronic exposure: Long term exposure may cause damage to eyes, and serious rash and irritation to skin.

Irritant: Severely irritating to eyes.

Sensitization to material: No known evidence of sensitization.

Carcinogenicity: No known evidence of carcinogenicity.

Germ cell mutagenicity: No known evidence of mutagenicity.

Reproductive effects: No known reproductive effects.

Target organ effects (single exposure): No data available.

Target organ effects (repeated exposure): No data available.

Aspiration hazard: No data available.

Signs and symptoms of exposure:

Skin/eyes: May cause reddening and irritation upon exposure. Permanent damage to eyes may result.

Inhalation: May cause irritation of respiratory tract.

Ingestion: May cause irritation of lips, mouth and throat. May cause nausea, vomiting and abdominal pain.

Toxicological data: No whole formulation data available.



Safety Data Sheet – Bio Terra Complete

Estimated ATE: >2000 mg/kg (Oral)

Synergistic materials: No data available.

Other important hazards: No data available.

Section 12 – Ecological Information

Ecotoxicity: No data available.

Biodegradability: No data available.

Bioaccumulation: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13 – Disposal Considerations

Handling for disposal: According to precautions outlined in HANDLING AND STORAGE, Section 7 and EXPOSURE CONTROLS and PERSONAL PROTECTION, Section 8.

Methods of disposal: Follow all applicable federal, state/provincial and municipal regulations. For specific information, contact your federal, state/provincial or local environmental agency.

Section 14 – Transport information

UN Number: Not classified.

Packing Group: Not classified.

Hazard Class: Not classified.

Additional precautions: No special precautions required, normal care should apply.

Section 15 – Regulatory Information

WHMIS 2015: Refer to HAZARDS IDENTIFICATION, Section 2

Section 16 – Other information

LD: Lethal Dose, ATE: Acute Toxicity Estimate, WHMIS: Workplace Hazardous Materials Identification System

Date Prepared: January 9, 2024

Contact Multi-Blend Ltd. (905-678-9559, admin@multiblend.com) with questions or for support.

DISCLAIMER: The information contained herein is compiled from sources believed to be reliable. The manner and conditions of use and handling may involve other and additional considerations. We accept no responsibility for the accuracy, sufficiency and reliability of this information and disclaims any liability incurred in connection with the use of this product or the data given above.