

Safety Data Sheet - Bio Terra Max Degreaser

Section 1 - Identification

Product identifier: Bio Terra Max Degreaser

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

Recommended use: Degreaser.

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:

Eye Irritant: Category 2 - H319

GHS Label Flements:



Signal word: Warning. Hazard statement(s):

H319 Causes serious eve irritation.

Precautionary statement(s):

P264 Wash hands thoroughly after handling. P280 Wear 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.

P377 + P313 If eye irritation persists: Get medical advice/attention.

Emergency overview: May cause skin and eye irritation.

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%	
Dipropylene glycol methyl ether ((2-methoxymethylethoxy)propanol)	34590-94-8	1-5%	
Alcohols, alkyl, alkoxylated	Proprietary	1-5%	
Methyl 9-decenoate	25601-41-6	1-5%	

Section 4 - First Aid Measures

Inhalation: If feeling unwell after inhalation, remove to fresh air and keep comfortable. If condition persists, seek medical attention.

 $\textbf{Skin contact:} \ \textbf{Wash hands thoroughly after handling.} \ \textbf{If irritation persists, seek medical attention}.$

Eye contact: Rinse eyes cautiously and thoroughly for several minutes, and remove contact lenses if necessary and possible. If irritation persists, seek medical attention.

Ingestion: If feeling unwell upon ingestion, seek medical attention.

Section 5 – Fire Fighting Measures

Flammability: Not flammable.

 $\label{lem:commended} \textbf{Recommended means of extinction:} \ That for surrounding materials.$

Special procedures: None.

Hazardous combustion products: Carbon oxides. **Oxidizing properties:** No data available.

Section 6 - Accidental Release Measures

Personal precautions: Avoid breathing vapours, mist or gas. Remove potential sources of ignition. See EXPOSURE CONTROLS AND PERSONAL PROTECTION, Section 8 Spill response: Contain spill and pickup with a wet vacuum or absorbent material. Rinse with large amounts of water. (See DISPOSAL CONSIDERATIONS, Section 13).

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Section 7 – Handling and Storage

Safe handling procedures: No special measures required. Follow routine safe handling procedures. **Safe storage procedures:** Should be stored at room temperature in a dry, well-ventilated area.

Section 8 – Exposure Controls and Personal Protection

Ingredient	Time-Weighted Average Limit (TWA)	Short-Term Exposure Limit (STEL) / Ceiling Limit (C)
Dipropylene glycol monomethyl ether	100 ppm	150 ppm

Engineering controls: General exhaust ventilation should be sufficient.

Personal protective equipment (PPE):

Skin: Not normally required.

Eyes: If eye contact deemed possible, safety glasses with side shields are recommended. Ensure equipment is properly fitted for the user. Equipment

should be tested and approved under government standards.

Respiratory: Not normally required.

Other: Normal footwear and clothing should be sufficient. Wash hands before breaks and when finished with chemical.

Section 9 – Physical and Chemical Properties

Physical state: Liquid Appearance: Clear. Odour: None.

Odour Threshold: No data available.

pH: 10.5

Freezing point: No data available.
Boiling point: No data available.
Flash point: No data available.
Flammability: No data available.
Flammability limits: No data available.
Vapour pressure: No data available.
Vapour density: No data available.

Specific gravity: 1.03 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: May decompose into carbon dioxides. Conditions to avoid: Should avoid high heat and open flames.

Incompatible materials: Strong oxidizers.

Section 11 – Toxicological Properties

Ingredient	LD50 (Oral)	LD50 (Dermal)	LD50 (Inhalation)
Dipropylene glycol monomethyl ether	>5000 (rat)	9510 (rabbit)	No data
Alcohols, alkyl, alkoxylated	500-2000 (rat)	No data	No data
Methyl 9-decenoate	>2000 (rat)	>2000 (rat)	No data

Effects of acute exposure: May cause irritation and reddening of eyes and skin.

Effects of chronic exposure: Mild irritation or rash may occur upon long term exposure.

Irritant: Mildly irritating to skin, 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:



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Skin/eyes: May cause skin reddening and irritation. Inhalation: May cause respiratory tract irritation. Ingestion: Not expected to be harmful.

Toxicological data: No whole formulation data available.

Estimated ATE: >20000 mg/kg (Oral), >50000 mg/kg (Dermal)

Synergistic materials: No data available. **Other important hazards:** None known.

Section 12 – Ecological Information

Ecotoxicity: No data available.
Biodegradeability: 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 Prepared: January 9, 2024

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

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