

MATERIAL SAFETY DATA SHEET

Material Name *Bio Green Clean*
Issue Date: 02/21/13
MSDS No.: BGC-2

Section 1- CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Chemical Name: Colloid
Internal Part Number: Not applicable
Product Use: Cleaner - Degreaser
Mfg. Part #: Not applicable
Synonyms: Not applicable
Sup. Part #: Not applicable

Contact Information:

Bio Green Clean
PO Box 211
Ward, CO 80481
Phone: (877) 782-7383 EMERGENCY: (877)782-7383

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Component Information/Information on Non-Hazardous Components:

All components have been identified and evaluated under the criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

Ready to Use Ingredients:

Reverse Osmosis or Deionized Water - 90-95%
Fatty Acids and Plant Oils - 2-3%
Grain Alcohol, Emollients & Conditioners - 2-4%
Surfactants – less than 1%
Natural Preservatives and Salts- less than 1%

Section 3 – HAZARDS IDENTIFICATION

Overview: Product is slightly viscous, clear-amber solution.

Potential Health Effects:

Eyes: This product may cause slight irritation to the eyes after extensive direct contact.

Skin: Exposure to skin is not likely to result in irritation or redness. There is no level of toxicity associated with the material being absorbed through the skin.

Ingestion: there is no level of toxicity associated with ingestion of this product. However, ingesting very large amounts may cause minor gastrointestinal distress (such as diarrhea, due to emulsification of grease and oil in the digestive tract).

Section 4 – FIRST AID MEASURES

Eyes: In case of intensive direct contact with eyes, rinse with water.

Skin: If desired wash after handling; but no level of toxicity is associated with the material being absorbed through the skin.

Ingestion: There is no known level of toxicity associated with ingestion of this product. Do not induce vomiting. (see above, Section #3)

Inhalation: There is no level of toxicity associated with the material being inhaled. If desired, remove to fresh air.

Section 5 – FIRE FIGHTING MEASURES

Flash Point: Not established, but >200F
Method Use: Not available
Upper Flammable Limit (UFL): Not applicable
Lower Flammable Limit (LFL): Not applicable
Auto Ignition: Not applicable
Flammability Classification: Non-flammable
Rate of Burning: Not applicable
General Fire Hazards: This product is an aqueous mixture that will not burn.

Hazardous Combustion Products: Upon decomposition, this product emits carbon dioxide.

Extinguishing Media: Use extinguishing media appropriate to surrounding fire conditions.

Personal Protection: None

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0 Other: 0

HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0 Other: 0

Section 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures: None necessary.

Clean-Up Procedures: Rinse area with water. Dispose of material in accordance with local regulations.

Evacuation Procedures: Not necessary.

Special Instructions: Surfaces may become slippery after spillage.

Section 7 – HANDLING AND STORAGE

Procedures for Handling: No special precautions required.

Recommended Storage Methods: N/A

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

A General Product Information

No information available

B. Component Exposure Limits

No ACGIH, NIOSH OR OSHA exposure guidelines listed for this product's components.

Engineering Ctrl: Use general ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face: None required for normal usage.

Skin: None required.

General: None required.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear Amber
Physical State: Liquid
Vapor Pressure: Not available
Boiling Point: 213 Degrees F @ 760 mm Hg
Melting Point: Not applicable
Specific Gravity: 1.0015 (Water=1)
Softening Point: Not applicable
Viscosity: Not applicable
Percent Volatile: Not Available
Odor: None
PH: 8.8-9.1
Vapor Density: Not available
Freezing Point: 29 Degrees F
Solubility (H2O): Complete
Particle Size: Not applicable
Evaporation Rate: Not applicable
Bulk Density: Not applicable
Molecular Weight: Mixture
Additional Properties: No additional properties available

Section 10 – **CHEMICAL STABILITY and REACTIVITY INFORMATION**

Chemical Stability: Stable.
Conditions to Avoid: None documented.
Incompatibility: None documented.
Hazardous Decomposition Products: Upon decomposition, this product emits carbon dioxide.
Hazardous Polymerization: Will not occur.

Section 11 – **TOXICOLOGICAL INFORMATION**

Acute Toxicity/Target Organ Information

- A. General Product/Component Information
No irritation or toxicity associated with this product.
- B. Component LD50/LC50 – Not applicable – NO such testing conducted on animals. NO toxicity associated with this product.

Epidemiology: No information available.

Carcinogenicity

- A. General Product/Component Information
None Identified.
- B. Component Carcinogenicity Listings
None of this product's components are listed by ACGIH, IARC, NIOSH, NTP or OSHA.

Neurotoxicity: None

Mutagenicity: None

Other Information: None available.

Section 12– **ECOLOGICAL INFORMATION**

Ecotoxicity: There is no known ecotoxicity: associated with this product.

Environmental Fate: This product is readily Biodegradable.

Section 13 – **DISPOSAL CONSIDERATIONS**

US EPA Waste Number & Description

- A. General Product Information: Not listed by the EPA as a hazardous waste.
- B. Component Waste Number: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: Clean spill area and dispose of waste in accordance with all applicable federal, state and local regulations.

Section 14 – **TRANSPORTATION INFORMATION**

DOT Information

Shipping Name: Non-regulated
Hazard Class: NA
UN/NA: NA
Packing Group: NA
Label(s) Required: None
Additional Shipping Information: None

International Transportation Regulations: No information available.

Section 15 – **REGULATORY INFORMATION**

US Federal Regulations

- A. General Product Information
No information available.
- B. Component Information
None of this product's components are listed under SARA Section 302 (40CFR Appendix A), SARA Section 313 (40CFR 372.65) or CERCLA (40CFR 302.4).
All of this product's components are on the TSCA Inventory.

State Regulations

- A. General Product Information
No information available
- B. Component Information: N/A

Other Regulations

- A. General Product Information
No information available.
- B. Component Information: N/A

Section 16 – **OTHER INFORMATION**

Other Information:

Reasonable care has been taken in the preparation of this information, but the manufacturer make no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representation and assumes no liability for any direct, incidental or consequential damages resulting from, its use. The above set forth technical data supplied to the manufacturer has been edited to avoid disclosure of proprietary information and avoid redundancy. All inquiries concerning the content of this document should be directed to the Distributor or Manufacturer.

Key/Legend

Y=Yes; N=No; EPA=Environmental Protection Agency; TSCA=Toxic Substance Control Act; ACGIH= American Conference of Governmental Industrial Hygienists; IARC=International Agency for Research Cancer; NIOSH=National Institute for Occupational Safety and Health; NTP=National Toxicology Program; OSHA=Occupational Health and Safety Administration; NA= Not available or applicable; g=grams; ml=milliliter; C=Celsius; F=Fahrenheit; DOT=Department of Transportation.

MSDS preparation: 06/28/07

End of MSDS BGC-2

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