

# SAFETY DATA SHEET

Material Name *Bio Green Clean*  
Issue Date: 01/01/2016  
SDS No.: HNCS-001

## Section 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

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

### Manufacturer Information:

Heartland Natural, Inc.  
831 13th Ave SE  
Valley City, ND 58072  
Phone: (701) 845-1590      **EMERGENCY:** (701) 845-1590

## Section 2 – 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 3 – 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:

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

## 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**  
**HMS 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 makes 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.

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Contact: Technical Department  
Phone: 701-845-1590

End of SDS #cc-02

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