

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-mandatory Form)  
Form Approved OMB No. 1218-0072

**HMIS Ratings:**  
Health – 1  
Flammability – 1  
Physical Hazards - 0

## Green Beast Cleaner/Degreaser Ready to Use GB# 39-4032, 39-4010

<b>Manufacturer's Name:</b> BioFusion Corp.,	Emergency Telephone Number <b>201-447-6241</b>
<b>Address (Number, Street, City, State, and ZIP Code):</b> <b>310 Godwin Ave</b>	Telephone Number for Information <b>201-447-6241</b>
<b>Ridgewood NJ 07450</b>	Date Prepared <b>02/05/2012</b>
	Signature of Preparer (optional)

### Section II – Hazardous Ingredients/Identity Information

No Hazardous Materials according Paragraph (g) of 29 CFR 1910.1200 of the Hazard Communication Standard
<u>Composition:</u> Water, bio-surfactants, non-ionic surfactants (wetting agents), preservative, food color, and fragrances with essential oils. Exact composition is proprietary.

### Section III – Physical/Chemical Characteristics

pH of Ultra Concentrate	<b>9.0</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>0.9986 @ 60 F (ASTM D1298)</b>
pH of Ready-to-Use	<b>8.8</b>		
Vapor Pressure (mm Hg.)	<b>No Data</b>	VOCS	<b>0 g/L</b>
Vapor Density (AIR = 1)	<b>None</b>	Evaporation Rate (Butyl Acetate = 1)	<b>No Data</b>
Solubility in Water <b>100% in water</b>			
Appearance and Odor <b>Green and Eucalyptus, Fir, Lemon</b>			

### Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> <b>No Flashpoint (ASTM D92 - 05a)</b>	<b>Flammable Limits</b> <b>No Data</b>	<b>LEL</b>	<b>UEL</b>
Extinguish Media			
<u>Special Fire Fighting Procedures:</u> <b>None: Non-flammable. (DOT: Non-hazardous)</b>			
<u>Unusual Fire Fighting Procedures:</u> <b>None</b>			

### Section V - Reactivity Data

Stability	Unstable		<u>Conditions to Avoid:</u> <b>Temperatures above 45 C. pH below 3.5 and above 9.5 will affect the quality and condition of the product.</b>
	Stable	<b>X</b>	
Incompatibility (Materials to Avoid) <b>Caustics and strong bases will affect the quality and condition of the product.</b>			
Hazardous Decomposition or Byproducts <b>None</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	<b>X</b>	

## Section VI – Health Hazard Data

Route(s) of Entry: <u>Inhalation?</u> Results: no possibility of irritation; Non-Irritant; “No Warning Required” <u>Ingestion?</u> LD50- levels of 5000 mg/kg: No Effects, “No Warning Required” <u>Ocular?</u> BCOP Test, avg <i>in vitro</i> score of 8.2; Mild Irritant <u>Skin?</u> Corrositex Test: “Non-corrosive” expected Draize <i>in vivo</i> score between 1-25; “Minimal Irritation.”No Warning Required”. Repeated Insult Patch- No indication of irritation or sensitization; Non-Irritant; “No Warning Required”			
Health Hazards (Acute and Chronic): <b>LC50- Level of 10,000 mg/kg: No Effects after 168 hrs; Non-Toxic; “No Warning Required”</b>			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
<b>No components listed as known or suspected carcinogens.</b>			<b>NO</b>
Signs and Symptoms of Exposure			
Medical Conditions- Generally Aggravated by Exposure			
Emergency and First Aid Procedures			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Can be flushed down sewage systems with water. The product causes contaminants and other organic matter to accelerate biodegradation, thus returning to carbon dioxide and water. When disposed of in sewage systems, the product aids in safely breaking down pollutants already in the systems such as oil, fat and grease.
Waste Disposal Method: Can be flushed down sewage systems with water, in accordance with Local, State and Federal Regulations. Product is readily biodegradable (OECD 301B)
Precautions to be taken in Handling and Storing: Ship in containers that are either metal or plastic. Store below 45C as higher storage temperatures reduce the effectiveness of the product. Should not be stored close to caustics or strong bases.

## Section VIII – Control Measures

Respiratory Protection ( <i>Specify Type</i> ): None		
Ventilation: N/A	Local Exhaust: N/A	Special: N/A
	Mechanical ( <i>General</i> ): N/A	Other: N/A
Protective Gloves: <b>Not necessary but always recommended.</b>	Eye Protection: None	
Other Protective Clothing or Equipment:		
Work/Hygienic Practices: Good industrial practices of hygiene and care are always suggested.		