



# MATERIAL SAFETY DATA SHEET

## SECTION I - IDENTIFICATION

**Manufacturer** BioGenesis Enterprises, Inc.

**Address** 330 S. Mt. Prospect Rd., Des Plaines, IL 60016

**Trade Name** BG-Clean™ 608      **Product** Multi-Purpose Industrial Cleaner

**Emergency Phone** (703) 913-9700      **Date Prepared** Jan. 31, 1992      **Updated** Sept. 2004

**Information Phone** (703) 913-9700      **MSDS Control** BG608C      **Reviewed** Sept. 2004

## SECTION II - HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Percent</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isopropyl alcohol (CAS 67-63-0)	< 10%	400 ppm	500 ppm STEL

The other components of BG-Clean™ 608 are a complex blend of surfactants classified trade secret. No components are believed to be hazardous, are listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PELs are established for these ingredients.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point (°F)</b>	> 212°F	<b>pH</b>	7.5
<b>Vapor Pressure (mm Hg)</b>	< 1.0 at 20°C	<b>Solubility In Water</b>	100%
<b>Specific Gravity</b>	1.03	<b>Appearance and Odor</b>	Medium green liquid, fresh scent.

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flash Point</b>	> 212°F
<b>Flammable Limits</b>	Not flammable. <b>LEL</b> Not explosive. <b>UEL</b> Not explosive.
<b>Extinguishing Media</b>	Water fog, carbon dioxide, dry chemical.
<b>Special Fire Procedures</b>	Use self contained breathing apparatus if fighting fire in confined spaces.
<b>Unusual Fire and Explosion Hazards</b>	None.

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### SECTION V - REACTIVITY DATA

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<b>Stability</b>	Stable.	<b>Incompatibility</b>	Oxidizers.
<b>Hazardous Decomposition Products</b>	Carbon monoxide and carbon dioxide.		
<b>Hazardous Polymerization</b>	Will not occur.		

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### SECTION VI - HEALTH HAZARD DATA

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#### Exposure Limits

<b>OSHA PEL</b>	Not established for the product as a whole.
<b>ACGIH TLV</b>	Not established for the product as a whole.

#### Routes of Entry

<b>Inhalation</b>	Yes	<b>Skin</b>	Yes	<b>Ingestion</b>	Yes
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#### Signs and Symptoms of Exposure

<b>Eyes</b>	Irritation may occur with prolonged exposure to concentrated vapors. Liquid is a contact irritant. May cause corneal inflammation. Moderate hazard under ordinary usage.
<b>Skin</b>	Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis. Low hazard under ordinary usage.
<b>Inhalation</b>	This material is a negligible hazard due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.
<b>Ingestion</b>	Low order of toxicity. No hazard by this route in normal use.

#### First Aid

<b>Eyes</b>	Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, seek medical aid.
<b>Skin</b>	Flush affected area and wash with mild soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than two glasses of water and induce vomiting. Get medical attention.

#### Toxicity Data

This product has not been specifically tested for toxicity. Linear extrapolation of toxicity data for each component, based on proportionate concentration of the component in this product, leads to the following estimates:

<b>Skin Contact</b>	Estimated Acute Dermal LD <sub>50</sub> , Rabbits: >5000 mg/kg.
<b>Eye Contact</b>	No data available. Hazard estimated moderate.

**Inhalation** No data available. Hazard estimated negligible.

**Ingestion** Estimated Acute Oral LD<sub>50</sub>, Rat: 7500 mg/kg.

**Carcinogenicity**

**NTP?** Not listed    **IARC?** Not listed    **OSHA Regulated?** Not listed

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Spill or Leak Procedures**

Collect with absorbent material or pick up mechanically. Rinse affected area with water.

**Waste Disposal Method**

Dispose as non-hazardous waste in accordance with local regulations.

**Storage and Handling Precautions**

Store at ambient temperature in closed container to prevent evaporation. May be stored in temperatures from -30°F to 140°F without deterioration.

**Other Precautions**

Product is a cleaner and degreaser. Although components have low hazard levels, the product will remove oils from the skin. Avoid prolonged skin contact.

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**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection**

Under ordinary conditions of use for its intended purpose, no respiratory protection is required.

**Ventilation**

Under ordinary conditions of use for its intended purpose, no special ventilation is required.

**Protective Gloves**

Wear if doing prolonged cleaning by hand.

**Eye Protection**

Wear if needed to prevent reasonable probability of eye contact.

**Work/Hygienic Practices**

Observe standard good work practices regarding ingestion, eye contact, and inhalation. Wash after using if there is reasonable probability of contact with the cleaner. Promptly remove any non-impervious clothing that becomes wet.

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**SECTION IX - HAZARD CLASSIFICATION**

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<b><u>IMO Hazard Class and Number</u></b>	Non-hazardous.
<b><u>UN Number</u></b>	Not applicable.
<b><u>US DOT Hazard Class</u></b>	Not regulated by DOT.
<b><u>US DOT Identification Number</u></b>	Not applicable.

*The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by BioGenesis Enterprises, Inc. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*