



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

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

SECTION IV - FIRE AND EXPLOSION DATA

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

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SECTION V - REACTIVITY DATA

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

SECTION VI - HEALTH HAZARD DATA

Exposure Limits

OSHA PEL	Not established for the product as a whole.
ACGIH TLV	Not established for the product as a whole.

Routes of Entry

Inhalation	Yes	Skin	Yes	Ingestion	Yes
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Signs and Symptoms of Exposure

Eyes	Irritation may occur with prolonged exposure to concentrated vapors. Liquid is a contact irritant. May cause corneal inflammation. Moderate hazard under ordinary usage.
Skin	Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis. Low hazard under ordinary usage.
Inhalation	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.
Ingestion	Low order of toxicity. No hazard by this route in normal use.

First Aid

Eyes	Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, seek medical aid.
Skin	Flush affected area and wash with mild soap and water.
Inhalation	Remove to fresh air.
Ingestion	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:

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

Inhalation No data available. Hazard estimated negligible.

Ingestion Estimated Acute Oral LD₅₀, Rat: 7500 mg/kg.

Carcinogenicity

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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.

SECTION VIII - CONTROL MEASURES

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.

SECTION IX - HAZARD CLASSIFICATION

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