



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™ 656 **Product** Synthetic Grease Cleaner/Glass Cleaner

Emergency Phone (703) 913-9700 **Date Prepared** October 9, 2002 **Reviewed** December 2004

Information Phone (703) 913-9700 **MSDS Control** bBG656

SECTION II - HAZARDOUS INGREDIENTS

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | |
|---|---|
| Boiling Point (°F) 212°F | Vapor Pressure (mm Hg) < 1.0 at 20°C |
| Solubility In Water 100% | Specific Gravity 1.0 |
| Appearance and Odor Light blue colored liquid, no scent. | pH 6 |

SECTION IV - FIRE AND EXPLOSION DATA

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|---|---|
| Flash Point 180°F | Flammable Limits Not determined. |
| 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

| | | | |
|--|-------------------------------------|-------------------------------|-------------------|
| <u>Stability</u> | Stable. | <u>Incompatibility</u> | Strong oxidizers. |
| <u>Hazardous Decomposition Products</u> | Carbon monoxide and carbon dioxide. | | |
| <u>Hazardous Polymerization</u> | Will not occur. | | |

SECTION VI - HEALTH HAZARD DATA

Exposure Limits

| | | | |
|-----------------|------------------|------------------|------------------|
| OSHA PEL | Not established. | ACGIH TEL | Not established. |
|-----------------|------------------|------------------|------------------|

Routes of Entry

| | | | | | |
|-------------------|-----|-------------|-----|------------------|-----|
| Inhalation | Yes | Skin | Yes | Ingestion | Yes |
|-------------------|-----|-------------|-----|------------------|-----|

Signs and Symptoms of Exposure

| | |
|-------------------|---|
| Eyes | Irritation may occur with prolonged exposure to concentrated vapors. Liquid is a contact irritant and may cause corneal inflammation. Low hazard under ordinary usage. |
| Skin | Repeated or prolonged usage can cause reddening of the skin, scaling, and dermatitis. Low hazard under ordinary usage. |
| Inhalation | Prolonged exposure irritates nasal passages. If vapor is present in high concentrations, irritation to the upper respiratory tract may occur. Low hazard by this route in normal use. |
| Ingestion | If swallowed consult a physician. Low hazard by this route in normal use. |

First Aid

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|-------------------|--|
| 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. Give artificial respiration if needed. |
| 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 low. |

Ingestion Estimated Acute Oral LD₅₀, Rat: 5000 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.

Other Precautions

Product is a cleaner and degreaser. Although components have low hazard levels in this mixture, 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/Hygenic 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

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|---|----------------------|
| <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>Packing Group</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.