

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

Manufacturer BioGenesis Enterprises, Inc.

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

Trade Name BG-CleanTM 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

Component Percent OSHA PEL/TLV

Isopropyl alcohol (CAS 67-63-0) < 10% TWA 400 ppm

STEL 500 ppm

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

 $< 1.0 \ at \ 20^{o}C$ Boiling Point (°F) 212°F Vapor Pressure (mm Hg)

100% Solubility In Water 1.0 **Specific Gravity**

Appearance and Odor Light blue colored liquid, no scent. **pH** 6

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point $180^{\circ}F$ Flammable Limits Not determined.

Not explosive. **UEL LEL** 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** 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

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 LD₅₀, Rabbits: >5000 mg/kg.

Eye Contact No data available. Hazard estimated moderate.

Inhalation No data available. Hazard estimated low.

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Page 3 of 4

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

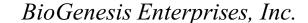
Wear if doing prolonged cleaning by hand.

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

IMO Hazard Class and Number Non-hazardous

<u>UN Number</u> Not applicable

<u>US DOT Hazard Class</u> Not regulated by DOT

Packing Group 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.