



MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

Manufacturer BioGenesis Enterprises, Inc.
Address 308 S. Mt. Prospect Rd., Des Plaines, IL 60016

Trade Name BG-Clean™ 636 **Product** Grease Cleaner
Emergency Phone (703) 913-9700 **Date Prepared** January 2000 **Reviewed** January 2003
Information Phone (703) 913-9700 **MSDS Control** dBG636

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

<u>Ingredients (CAS)</u>	<u>Percent</u>	<u>OSHA PEL/TLV</u>
Isopropyl alcohol (67-63-0)	15%	400 ppm

Overall health hazard of isopropyl alcohol evaluated as slight. The components of BG-Clean™ 636, including the above, are a complex blend of cleaners classified trade secret. No other components are listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are subject to reporting under SARA or CERCLA. The product contains no chemicals regulated by RCRA.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F) 212°F **Vapor Pressure (mm Hg)** Same as water.
Solubility In Water 100% **Specific Gravity** 1.01 @ 68°F **pH** 12
Appearance and Odor Straw colored liquid, fresh smell. (Note: Contains no d-limonenes.)

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point 164°F **Flammable Limits** Not determined.

LEL Not determined. **UEL** Not determined.

Extinguishing Media Water fog, carbon dioxide, dry chemical.

Special Fire Fighting Procedures None.

Unusual Fire and Explosion Hazards Wear self-contained breathing apparatus when there is possibility of exposure to smoke, fumes or hazardous decomposition products.

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SECTION V - REACTIVITY DATA

<u>Stability</u>	Stable.
<u>Incompatibility</u>	Strong oxidizers; avoid prolonged contact with aluminum..
<u>Hazardous Decomposition Products</u>	Carbon monoxide, carbon dioxide, oxides of carbon and sulfur.
<u>Hazardous Polymerization</u>	Will not occur.

SECTION VI - HEALTH HAZARD DATA

Exposure Limits

OSHA PEL	Not established.	ACGIH TEL	Not established.
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Routes of Entry

Inhalation	Yes	Skin	Yes	Ingestion	Yes
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Signs and Symptoms of Exposure

Eyes	Liquid is a contact irritant, and will cause corneal inflammation.
Skin	Liquid is a medium base. Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis.
Inhalation	May cause irritation of the throat and headache with prolonged exposure to concentrated vapors. Hazard evaluated medium.
Ingestion	Nausea; diarrhea. Hazard evaluated low.

First Aid

Eyes	Immediately flush eyes with large amounts of water for at least 15 minutes. Immediately seek medical aid.
Skin	Flush affected area and wash with mild soap and water.
Inhalation	Remove to fresh air; give CPR if unconscious.
Ingestion	Obtain medical attention immediately.

Carcinogenicity

NTP?	Not listed	IARC?	Not listed	OSHA Regulated?	Not listed.
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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 combustible in accordance with local regulations.

Storage and Handling Precautions

Store at ambient temperature in closed container to prevent evaporation.

Other Precautions

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

SECTION VIII - CONTROL MEASURES

Respiratory Protection

In confined spaces, use respirator appropriate to substance being cleaned.

Ventilation

Use ventilation sufficient to prevent accumulation of characteristic alcohol odor.

Protective Gloves

Wear when cleaning by hand, or when there is reasonable probability of contact.

Eye Protection

Wear to prevent reasonable probability of eye contact.

Work/Hygenic Practices

Observe standard general 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

UN Number NA1993

US DOT Hazard Class Combustible liquid, N.O.S.

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.