



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™ 617 **Product** Ink & Graffiti Cleaner
Emergency Phone (703) 913-9700 **Date Prepared** August 11, 1992 **Reviewed** December 2004
Information Phone (703) 913-9700 **MSDS Control** aClean617

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

<u>Ingredients</u>	<u>Percent</u>	<u>OSHA TWA/STEL</u>
Isopropyl alcohol (CAS 67-63-0)	< 20%	TWA 400 ppm STEL 500 ppm

Other ingredients are a trade secret and are not 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 ingredients other than isopropyl alcohol.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F) >330°F **Vapor Pressure (mm Hg)** < 0.7 mm Hg at 20°C
Solubility In Water 100% mixable **Specific Gravity** 1.01
Appearance and Odor Blue, fresh air scent.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point >170°F
Flammable Limits **LEL** 1.25 at 100°C **UEL** Not determined.
Extinguishing Media Water fog, carbon dioxide, dry chemical.
Special Fire Fighting Procedures Use self contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards None known.

SECTION V - REACTIVITY DATA

Stability Stable. **Incompatibility** Strong oxidizers.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide, and ordinary products of combustion.

Hazardous Polymerization 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. Low hazard for usual industrial handling.

Skin Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis. Low hazard under ordinary usage.

Inhalation This material is a low hazard. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

Ingestion Slightly toxic. May cause abdominal discomfort, nausea, vomiting, diarrhea, and drowsiness. Low hazard by this route in normal use.

First Aid

Eyes Flush eyes with large amounts of water for at least 15 minutes. Seek medical aid.

Skin Flush affected area and wash with mild soap and water.

Inhalation Remove to fresh air; provide oxygen if breathing is difficult; give artificial respiration if not breathing. Seek medical attention.

Ingestion Do not give liquids if victim is unconscious or very drowsy. Otherwise, give two glasses of water and induce vomiting. Get medical attention.

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, the product will remove oils from the skin. Avoid prolonged skin contact.

SECTION VIII - CONTROL MEASURES

Respiratory Protection

Use NIOSH/MSHA approved air-purifying respirator in high vapor concentrations.

Skin Protection

Butyl gloves and chemical apron.

Eye Protection

Wear chemical splash goggles.

Work/Hygenic Practices

Observe standard general work practices regarding ingestion, eye contact, and inhalation. Wash after using. Immediately remove any non-impervious clothing that becomes wet.

SECTION IX - HAZARD CLASSIFICATION

UN Number NA 1993 **US DOT Hazard Class** Combustible liquid.

DOT Shipping Name 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.