



# 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™ 648 **Product** Citro-Power Plus™

**Emergency Phone** (703) 913-9700 **Date Prepared** September 8, 1994 **Reviewed** Jan. 2003

**Information Phone** (703) 913-9700 **MSDS Control** aBG648

## SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

<u>Ingredients (CAS)</u>	<u>Percent</u>	<u>OSHA PEL/TLV</u>
glycol ethers	20-30%	None Established

No other components are believed to be hazardous, are listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are regulated chemicals under SARA, CERCLA, or RCRA. No OSHA PELs are established for any ingredient.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point (°F)** >212°F **Vapor Pressure (mm Hg)** Same as water.  
**Solubility In Water** Complete **Specific Gravity** 1.01@20°C **pH** Neutral  
**Appearance and Odor** Straw color, slight citrus odor.

## SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point** > 140°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** None.

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**SECTION V - REACTIVITY DATA**

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<b><u>Stability</u></b>	Stable.
<b><u>Incompatibility</u></b>	Strong acids and strong alkaline mixtures.
<b><u>Hazardous Decomposition Products</u></b>	Carbon monoxide and carbon dioxide.
<b><u>Hazardous Polymerization</u></b>	Will not occur.

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**SECTION VI - HEALTH HAZARD DATA**

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**Exposure Limits**

<b>OSHA PEL</b>	Not established.	<b>ACGIH TEL</b>	Not established.
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**Routes of Entry**

<b>Inhalation</b>	Yes	<b>Skin</b>	Yes	<b>Ingestion</b>	Yes
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**Signs and Symptoms of Exposure**

<b>Eyes</b>	Liquid is a contact irritant, and will cause corneal inflammation. Hazard evaluated low under ordinary conditions of use.
<b>Skin</b>	Repeated or prolonged contact can cause reddening of the skin, scaling, and dermatitis. Hazard evaluated low under ordinary conditions of use.
<b>Inhalation</b>	May cause irritation of the throat and headache with prolonged exposure to concentrated vapors. Hazard evaluated to be low under ordinary conditions of use.
<b>Ingestion</b>	Nausea; diarrhea. Hazard evaluated to be low under ordinary conditions of use.

**First Aid**

<b>Eyes</b>	Immediately flush eyes with large amounts of water for at least 15 minutes. Immediately seek medical aid.
<b>Skin</b>	Flush affected area and wash with mild soap and water.
<b>Inhalation</b>	Minimal hazard under ordinary use; no emergency care anticipated.
<b>Ingestion</b>	Obtain medical attention immediately. Give two glasses of water.

**Carcinogenicity**

<b>NTP?</b>	Not listed	<b>IARC?</b>	Not listed	<b>OSHA Regulated?</b>	Not listed
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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Spill or Leak Procedures**

Collect with absorbent material or pick up mechanically. Rinse affected area with water

**Waste Disposal Method**

Dispose as a non-hazardous, combustible liquid.

**Storage and Handling Precautions**

Store at ambient temperature in closed container.

**Other Precautions**

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

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**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection**

In confined spaces, use respirator appropriate to substance being cleaned; otherwise none.

**Ventilation**

Under ordinary conditions of use for its intended purpose, no special ventilation is required.

**Protective Gloves**

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

**Eye Protection**

Wear safety glasses or splash goggles 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.

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**SECTION IX - HAZARD CLASSIFICATION**

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**US DOT Hazard Class** Non-hazardous.

**US DOT Identification Number** 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.*