



# MATERIAL SAFETY DATA SHEET

**Manufacturer:** *Biological Systems, Inc.*  
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**Prepared By:** Institutional Products Division **Date Prepared:** August 30, 2004

## SECTION 1- IDENTITY

**Common Name:** G/S-2000 **CAS Number:** Blend  
**Chemical Name:** N/A (this is a Mixture) **Chemical Family:** Cleaning Agent  
**Formula:** Proprietary, No chemicals used that are required to be listed.

## SECTION 2- INGREDIENTS

**PART A- Hazardous Ingredients:** No constituents are hazardous as defined in 29 CFR 1910.1200  
**PART B- Other Ingredients:** Proprietary mixture of surfactant, co-solvents, alkylalcohol and fatty acids not otherwise specified and water. All ingredients in this product are on the TSCA Inventory List.

## SECTION 3- PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

<b>Boiling Point:</b> >212° F	<b>Freezing Point:</b> <32° F
<b>Vapor Pressure:</b> (mm Hg) N/A	<b>Vapor Density:</b> (Air = 1) N/A
<b>Specific Gravity:</b> .93 @ 25°C	<b>Solubility in H<sub>2</sub>O:</b> 100%
<b>Appearance/Odor:</b> Clear/Blue, mild citrus odor liquid	<b>pH:</b> 8.9 - 9.1
<b>Flash Point:</b> None to boiling	<b>LEL/UEL:</b> None
<b>Auto-ignition Temperature:</b> Not determined	
<b>Extinguishing Media:</b> The product is non-flammable	
<b>Special Firefighting Procedures:</b> None	
<b>Unusual Fire or Explosive Hazards:</b> None	

## SECTION 4- PHYSICAL HAZARDS

**Stability:** Product is stable **Conditions To Avoid:** N/A  
**Incompatibility, Materials to Avoid:** Strong Acids; reactive metals; electrically energized equipment; any materials reactive with water.  
**Hazardous Decomposition Products:** None Known **Conditions To Avoid:** N/A  
**Polymerization:** Will not occur

## HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

<b>1- HEALTH</b>	<b>O- FLAMMABLE</b>	<b>O- REACTIVITY</b>	<b>Personal Protection: None Normally Needed</b>	
0- minimal	1- Slight	2- Moderate	3- Serious	4- Severe

## SECTION 5- HEALTH HAZARDS

**Threshold Limit Values:** None established by OSHA

**Routes of Contact- Eyes:** May cause mild irritation. Keep product away from children.

**Routes of Contact- Skin:** Skin exposure not anticipated to be a problem. Individuals with chemically sensitive skin may notice slight irritation with product in concentrated form. Keep product away from children.

**Routes of Contact- Inhalation:** Inhalation not anticipated to be a problem.

**Routes of Contact- Ingestion:** Ingestion of very large amounts may cause narcosis.

**Signs and Symptoms:** Acute Over Exposure: Slight irritation to eyes or skin.

Chronic Over Exposure: No data available. Not considered a problem.

**Medical Conditions Aggravated by Exposure:** No data available. Not considered a problem.

**Chemical Listed as Possible Carcinogen:** National Toxicity Program? No

I. A. R. C. Monographs? No

OSHA Regulated? No

## SECTION 6- EMERGENCY FIRST AID PROCEDURES

**Eye Contact:** Use preventive measures. If contacted with eyes, flush with copious amounts of water for 15 minutes. If irritation persists, seek medical attention. Irritation after flushing in generally not anticipated. Keep product away from children.

**Skin Contact:** Rinse with water. If irritation is noticed, seek medical attention. Irritation after flushing in generally not anticipated. Keep product away from children.

**Inhalation:** Inhalation of product is not anticipated to be a problem. If any breathing difficulty is noticed, remove to fresh air and seek medical attention. Keep product away from children.

**Ingestion:** Ingestion not anticipated to be a problem. If large oral doses of concentrated product are taken internally and the patient is conscious, give large doses of water or milk. Aspiration is more harmful than ingestion. Seek medical attention. Keep product away from children.

## SECTION 7- SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not normally necessary

**Ventilation:** None required.

**Protective Gloves:** Not normally necessary. If individual has chemically sensitive skin, gloves should be worn.

**Eye Protection:** Chemical goggles are recommended if splashing is likely with product in concentrated form.

**Other Protective Clothing or Equipment:** HMIS PERSONAL PROTECTION: Safety Glasses, Safety Gloves.

## SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Handling & Storage:** Store in original container. Avoid strong acids. Refer to SECTION 4- Incompatibility Information.

**Other Precautions:** Avoid eye contact, Limit skin contact.

**Spill/Leak Procedures:** Pick up or vacuum as much of the product as possible for reuse. Flush remaining residue with water until suds subside. Follow applicable EPA regulations.

**Disposal Procedures:** Product is self-disposing by application, is non-toxic, biodegradable and, when diluted, is acceptable to meet requirements for NPDES discharge to POTW.

## GLOSSARY:

**N/A:** Not Applicable

**<=** Less Than

**>=** Greater Than

**IMPORTANT NOTICE:** To the best of our knowledge, the information contained herein is true and accurate. The manufacturer warrants that this product conforms to the technical specifications provided that this product is maintained in its original container and stored as indicated in the instructions for use. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. It shall be the obligation of the user, before using, to determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. **NEITHER THE SELLER NOR THE MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL OR CONSEQUENTIAL ARISING OUT OF EITHER THE USE, OR THE INABILITY TO USE THE PRODUCT.**

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