

**Material Safety Data Sheet**

October 6, 1999

May be used to comply with OSHA'S Hazard Communication Standard

**IDENTITY (As used on label and list)**

Window &amp; Glass Cleaner

**SECTION I****Manufacturer's Name**

Biosolutions, LLC      Emergency Telephone Number  
 1835 Industrial Park Drive      616-844-6393  
 Grand Haven, MI      Information Number  
 49417      616-846-1210

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Hazardous Components - None      Specific Chemical Identity - N/A  
 Common Name

**CERTIFICATION**

THIS IS TO CERTIFY THAT NONE OF THE TOXIC ORGANICS LISTED IN THE FEDERAL REGULATIONS TITLE 40, SECTIONS 413.2 THRU 414.14 ARE USED IN THE MANUFACTURING OF BIOSOLUTIONS AND THEREFORE ARE NOT COMPONENTS OF WINDOW & GLASS CLEANER.  
 HMIS-Rating: HEALTH - 0    FIRE - 0    REACTIVITY - 0    PERSONAL PROTECTION - A

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point ----- 98.4 C  
 Vapor Pressure (mm Hg.) ----- 17.0  
 Vapor Density (AIR = 1) ----- 0.62  
 Solubility in Water ----- Complete  
 Appearance and odor ----- Pale Blue - Mild Odor  
 PH ----- 7.4 to 8.2  
 Specific Gravity (H2O = 1) ----- 1.02  
 Melting Point ----- N/A  
 Evaporation Rate (Butyl Acetate = 1) ----- 0.7

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used) ----- None  
 Flammable Limits ----- None  
 LEL ----- N/A  
 UEL ----- N/A  
 Extinguishing Media ----- None Required  
 Special Fire Fighting Procedures ----- None Required  
 Usual Fire and Explosion Hazards ----- None

**SECTION V - REACTIVITY DATA**

Stability ----- Stable  
 Compatibility (materials to avoid) ----- Strongly Acidic Materials & Oxidizers  
 Hazardous Polymerization ----- Will Not Occur  
 Conditions To Avoid ----- None

**SECTION VI - EXPOSURE CONTROLS / PERSONAL PROTECTION****Routes of Entry:**

Inhalation: No  
 Skin: No  
 Ingestion: No

Health Hazards (Acute and Chronic): This product poses no health hazards, but, as with all products, prudence in handling is recommended.

Carcinogenicity ----- NONE  
 NTP ----- N/A  
 IARC Monographs ----- N/A

OSHA Regulated: No  
 Signs and Symptoms of Exposure: None  
 Medical Conditions Aggravated by Exposure: None  
 Emergency and First Aid Procedures: None; care in handling is recommended

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled: No precautions necessary. Absorb or mop up with wet mop or wash away with water. Slippery.

Waste Disposal Method: Standard sewage treatment methods.  
 Precautions to be taken in handling and storing: None  
 Other Precautions: Avoid freezing. If freezing occurs, thaw and stir.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specific Type): None required

**Ventilation:**

Local Exhaust - None required  
 Mechanical (General) - Acceptable  
 Special - None  
 Other - None

Protective Gloves: Not necessary  
 Eye Protection: None required; prudent handling  
 Other Protective Clothing or Equipment: None  
 Work/Hygienic Practices: Normal practices.

**DISCLAIMER OF WARRANTY:**

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use of thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.