



# Material Safety Data Sheet

ASTROGLIDE™

## IDENTIFICATION

### **Manufacture's Name and Address:**

BioFilm, Inc.  
3121 Scott Street  
Vista, California 92083

### **Emergency Telephone Number:**

(800) 848-5900

**Effective Date:** January 1, 1999

### **Chemical Name and Synonyms:**

Water Soluble Lubricant

### **Trade Name and Synonyms:**

AstroGlide™

## INGREDIENTS

### **Hazardous:**

None

### CAS No.

### % By Wt.

N/A

N/A

### **Non hazardous:**

Purified Water  
Glycerin  
Propylene Glycol  
Polyquaternium  
Methylparaben  
Propylparaben

N/A

56-81-5

57-55-6

N/A

99-76-3

94-13-3

Proprietary

Proprietary

Proprietary

Proprietary

Proprietary

Proprietary

## PHYSICAL DATA

**Boiling Point (760 mm/Hg) (°F):** <200° F

**Specific Gravity:** 1.08

**Vapor Density (Air=1):** N/A

**% Volatiles by Weight:** N/A

**Appearance:** Transparent Liquid

**Melting Point:** <-3° C

**Vapor Pressure (mmHg 20° C):** N/A

**Solubility in Water (% by Wt.):** 100%

**Evaporation Rate (Ether=1):** <.2

**Odor:** No Odor

## FIRE AND EXPLOSION DATA

**Flash Point (Test Method):** None (TOC, TCC, COC)

**Flammable Limits (Wt. % 77° F):** None

**Extinguishing Medium:** Water Fog

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** None

**Hazardous Decomposition Product:** Very small amounts of possibly toxic organic compounds if exposed to open flame.

**Polymerization:** Will Not Occur



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## HEALTH HAZARD INFORMATION

### **Exposure Limit:**

No maximum exposure has been determined. Testing has demonstrated that no oral toxicity up to 5000mg/kg.

## **Routes of Exposure and Effects**

### **Inhalation:**

No testing has been performed on AstroGlide™ for inhalation. The water present in the product is the only component with significant vapor pressure in normal use. Inhalation through deliberate abuse would create a hazard similar to the inhalation of water.

### **Skin Contact:**

None

### **Eye Contact:**

AstroGlide™ is not considered an eye irritant.

### **Ingestion:**

No oral toxicity detected.

### **Carcinogenicity:**

None of the components of this product are listed by IARC, NTP or OSHA as a carcinogen. Extensive testing has not detected any carcinogenic affects.

## EMERGENCY FIRST AID PROCEDURES

### **Eyes:**

Flush with water.

### **Skin:**

None

### **Inhalation:**

If not breathing, have a qualified person give mouth to mouth resuscitation; if breathing is difficult, give oxygen. Call a physician.

### **Ingestion:**

None

## PROTECTION INFORMATION

### **Ventilation:**

None

## **Personal Protective Equipment**

### **Respiratory:**

None

### **Eye:**

None

### **Gloves:**

None

### **Other:**

None



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## DISPOSAL PROCEDURES

### **Spill or Leak:**

Soak up with inert absorbent such as sand, earth or vermiculite and put in closed container for prompt disposal.

### **Waste Disposal:**

Send to approved landfill in compliance with local, state and federal regulations.

## PRECAUTIONARY STATEMENTS AND ADDITIONAL INFORMATION

AstroGlide™ is extremely slippery. Spills should be cleaned up immediately. Caution should be used to avoid slipping and falling.

Heating of AstroGlide™ above 500°F may cause the formation of potentially toxic substances.

No hazardous ingredients are listed on page one. No components of AstroGlide™ are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) and 40 CFR Part 372 of the Federal Register.

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### **BioFilm, Inc.**

is focused on customer satisfaction. Questions regarding the company or products should be addressed to the Health and Safety Officer at:

BioFilm, Inc.  
3121 Scott Street  
Vista, California 92083

Or

call (800) 848-5900