



# SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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COMERCIAL PRODUCT NAME: DIFFUSIMAX PLO GEL  
COMPANY/SUPPLIER: Maxima Pharmaceuticals Inc.  
17208 108 Avenue NW, Edmonton, AB T5S 1E8  
Tel: 1-888-629-4628 Fax: 1-780-434-8513  
PRODUCT USE: Skin Moisturizer, Vehicle for Topical Compounding

## SECTION 2 - COMPOSITION

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NAME OF MATERIAL: DIFFUSIMAX PLO Gel (Kit or Premixed)  
ALTERNATE NAME: Pluronic Lecithin Organogel or PLO Gel  
CAS REG NO: N/A  
HAZARDOUS IMPURITIES: None

## SECTION 3 - HAZARDOUS IDENTIFICATION

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EMERGENCY OVERVIEW: Liquid or cream with slight odour, considered non-toxic  
MOST IMPORTANT HAZARD: None  
INHALATION: May cause irritation of mucous membranes and respiratory tract  
EYE CONTACT: May cause irritation  
SKIN CONTACT: Safe for skin application  
INGESTION: May cause irritation  
CHRONIC: Safe for skin application  
CARCINOGENIC STATUS: No data available

## SECTION 4 - FIRST AID MEASURES

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GENERAL ADVICE: No hazards that require special first aid. If unwell, seek medical advice.  
INHALATION: Move to fresh air. If symptoms persist, seek medical advice.  
SKIN CONTACT: Wash off with soap and cold water.  
EYE CONTACT: Flush eyes with cold water. If eye irritation persists, seek medical advice.  
INGESTION: Drink water as a precaution. Seek medical advice if necessary.  
PROTECTION OF FIRST RESPONDERS: No hazards which require special first aid measures.

## SECTION 5 - STORAGE AND TRANSPORT

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The following are instructions for the proper storage of Diffusimax kits and pre-mixed cream in distribution centres and in pharmacies.

### Storage in Distribution Centres:

Maxima Pharmaceuticals ships Diffusimax kits and pre-mixed cream to distribution centres at a controlled temperature. Products may occasionally freeze during transport. If freezing occurs, allow the product to thaw at room temperature. Both kits and pre-mixed cream are acceptable for use after thawing. Compound A may solidify and appear cloudy if exposed to temperatures below 5°C and may remain cloudy after thawing. This is normal and does not affect the product.

Diffusimax kits and pre-mixed cream should be kept at room temperature in distribution centres. Shelf life at room temperature is five years. When possible, Diffusimax kits and pre-mixed cream should be shipped to pharmacies at room temperature.

## SECTION 5 - STORAGE AND TRANSPORT (Continued)

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### **Storage in Pharmacies:**

#### **Kit Storage**

Both Compound A and Compound B are stable at room temperature. The kit can be kept intact at room temperature until use, but Compound B is solid at room temperature and needs to be refrigerated prior to use to allow it to liquefy. The optimal temperature for liquefying is 1-3°C. It may be convenient to store the Compounds separately: Compound A at room temperature and Compound B in the refrigerator. Once gel has been made by combining Compound A with Compound B, it should be stored at room temperature.

**Accidental Freezing:** Compound A may solidify and appear cloudy if exposed to temperatures below 5°C. It can be thawed at room temperature. Thawing can be facilitated by placing the capped bottle in a warm water bath (up to 37°C) and agitating intermittently. Compound A may remain cloudy after thawing. This is normal and Compound A can be used to prepare Diffusimax cream as per normal protocols.

#### **Pre-mixed Cream Storage**

Pre-mixed cream should be stored at room temperature.

**Accidental Freezing:** Separation of Diffusimax pre-mixed cream may occur if it is frozen. Cream consistency will be restored by mixing.

The stability of Diffusimax products is not affected by freezing. Unopened kits and pre-mixed cream have shelf lives of five years.

### **General Transport Information:**

Diffusimax is not considered a dangerous good for transportation.

## SECTION 6 - DISPOSAL CONDITIONS

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Disposal of Diffusimax must be done in compliance with local, provincial, and federal laws and regulations.

## SECTION 7 - OTHER INFORMATION

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Information contained herein is believed to be accurate. It is provided solely for the customer's consideration, investigation, and verification. Maxima Pharmaceuticals Inc. hereby disclaims any and all warranties, expressed or implied, regarding the completeness and accuracy of such information and makes no representation with respect thereto.

For complete instructions on using Diffusimax kits and pre-mixed cream, please visit our website [www.diffusimax.com](http://www.diffusimax.com) or call our toll-free technical support line at 1-888-629-4628.

MAXIMA Pharmaceuticals Inc.  
Technical Support/Quality Assurance