



## Material Safety Data Sheet

### 1 - Product and company information

<b>Product name</b>	SCHERCEMOL* PGDP		
<b>Product number</b>	SCMPGDP	<b>Effective date</b>	05/22/2007
<b>Company identification</b>	Lubrizol Advanced Materials, Inc. 9911 Brecksville Rd. Cleveland, OH 44141-3247 United States of America	<b>Company Canadian Address</b>	Lubrizol Advanced Materials Canada, 100 Regina Street South Suite 360 Waterloo, Ontario, N2J 4P9 Canada
<b>Telephone Chemtrec (24 Hour)</b>	(216) 447-5000 (800) 424-9300	<b>Telephone CANUTEC</b>	(519) 888-3330 (613) 996-6666
<b>Preparer</b>	Health, Safety, and Environmental Department		
<b>Product description</b>	Personal care applications		

### 2 - Composition / information on ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight % Less Than</u>
Propylene Glycol Dipelargonate	0041395-83-9	100

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

**Notes:** No Additional Information

### 3 - Hazards identification

#### Emergency overview

See below for product details

#### Acute health effects

May cause eye irritation. Repeated or prolonged skin contact may cause irritation. Ingestion may cause irritation. Inhalation may cause respiratory tract discomfort.

#### Chronic health effects

None known.

#### Signs/Symptoms of exposure

Irritation

#### Routes of exposure/entry

Skin Contact, Eye Contact

**Target organs**

Eyes, Skin

**Medical conditions aggravated by exposure**

None known.

**Carcinogenic status**

The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA or ACGIH.

**Reproductive effects**

None Expected

**4 - First aid measures**

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

**Eye contact**

Immediately flush eyes with plenty of clean water for an extended time, not less than five (5) minutes. Flush longer if there is any indication of residual chemical in the eye.

**Skin contact**

Wash the affected area thoroughly with plenty of water and soap.

**Inhalation**

If affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion**

Do not induce vomiting. Keep individual warm and quiet. If spontaneous vomiting occurs, monitor for breathing difficulty. Never give anything by mouth to an unconscious person. Call a physician.

**Notes to physician**

No Additional Information

**5 - Fire fighting measures****NFPA flammability class:** N/A**Flash point:** > 329 .F (165 .C)  
Cleveland Open Cup**Explosive range:** LEL Not Available  
UEL Not Available**Notes:** No Additional Information**Fire and explosive properties**

This product is not known to present any fire hazard.

**Extinguishing media**

Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

**Fire fighting instructions**

No specific requirements known. Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

**Unusual fire/explosion hazards**

No Information

**6 - Accidental release measures****Containment techniques**

Contain spill. Do not flush product into public sewer, water systems or surface waters.

**Clean-up techniques**

Eliminate ignition sources. Ventilate areas of spill. Recover as much as possible for reuse. Absorb remainder with an inert material. Place into labeled, closed container; store in safe location to await disposal. Wash the spill area to remove final traces. Personal protective equipment and clothing must be utilized by persons performing this work. CAUTION: Spilled liquid and dried film are slippery. Use care to avoid falls.

**Evacuation instructions**

Not Applicable

**7 - Handling and storage****Handling**

Do not cut, puncture, or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Provide eyewash fountains and safety showers in the work area.

**Storage**

Open containers carefully and slowly. Do not store in open, unlabeled or mislabeled containers. Store cool and dry, under well-ventilated conditions. Do not reuse empty container without commercial cleaning or reconditioning.

**8 - Exposure controls / personal protection**

Chemical Name	ACGIH - ----- TWA	ACGIH - ----- STEL	OSHA - ----- TWA	OSHA - ----- STEL
Propylene Glycol Dipelargonate	N/E	N/E	N/E	N/E

**Notes:** No Additional Information

**Engineering controls**

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. (Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, OH, 45240-1634, USA.)

**Eye/face protection**

Wear eye protection.

**Skin protection**

Wear protective gloves.

**Respiratory protection**

Respiratory protection is not needed with proper ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR).

**General protection**

No Additional Information

<b>9 - Physical and chemical properties</b>
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<b>Form</b>	Liquid	<b>pH</b>	Not Applicable
<b>Appearance</b>	Clear	<b>% Volatile by weight</b>	Not Available
<b>Odor</b>	Characteristic	<b>Specific gravity</b>	0.917
<b>Solubility in water</b>	Insoluble	<b>VOC</b>	Not Available
<b>Evaporation rate</b>	<1		
<b>Vapor pressure</b>	Not Determined	<b>Boiling point °F</b>	> 374 .F
<b>Melting point</b>	-13 .F (-25 .C)	<b>Boiling point °C</b>	(190 .C)
<b>Vapor density</b>	> 1		
<b>Partition coefficient</b>	Not Applicable		

**Notes:** Amounts specified are typical and do not represent a specification.

<b>10 - Stability and reactivity</b>
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**Stability**

This product is stable.

**Hazardous polymerization**

Hazardous polymerization will not occur.

**Notes:**

No Additional Information

**Conditions to avoid**

Do not freeze. Overheating.

**Incompatibility with other materials**

Avoid contact with strong oxidizing agents.

**Hazardous decomposition products**

Carbon dioxide, Carbon monoxide

**Additional reactivity / stability information**

None

**Thermal processing emissions**

Not Applicable

## 11 - Toxicological information

Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

<u>Chemical Name</u>	<u>LC50 Inhalation</u>	<u>Species</u>	<u>LD50 Oral</u>	<u>Species</u>	<u>LD50 Skin</u>	<u>Species</u>
Propylene Glycol Dipelargonate	N/E		N/E		N/E	

<u>Chemical Name</u>	<u>LC50 Inhalation</u>	<u>Species</u>	<u>LD50 Oral</u>	<u>Species</u>	<u>LD50 Skin</u>	<u>Species</u>
Propylene Glycol Dipelargonate	N/E		N/E		N/E	

As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

Propylene Glycol Dipelargonate: Primary Irritation Index: 1.28. Not a primary dermal irritant.

## 12 - Ecological information

Ecotoxicity / Environmental Fate: None known or expected from this product as furnished. This product has not been tested.

**Notes:** No Additional Information

## 13 - Disposal information

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Federal, state and local regulations where the waste material is generated, treated, and/or disposed of must be examined to verify the appropriate waste classification. Incinerate waste product when in liquid form (i.e., as supplied) in a properly permitted (approved) incineration facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill.

**US RQ**

Not Applicable

## 14 - Transportation information

<b>UN/NA Number:</b>	N/A	<b>Hazard Class:</b>	N/A	<b>IMDG Class:</b>	N/A
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<b>Packing Group:</b>	N/A	<b>ICAO/IATA Class:</b>	N/A	<b>TDG Class:</b>	N/A
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**Name of Material:** Not regulated

**Notes:** No Additional Information

## 15 - Regulatory information

This MSDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200

### **U.S. Toxic Substances Control Act:**

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

### **U.S. CERCLA – SARA:**

#### **SARA Title III Section 312 Hazard Category (40 CFR 311/312):**

Not Hazardous

**SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

None Known

#### **California Proposition 65:**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

The chemical identity of some or all components present is confidential business information (trade secret) and is being withheld as permitted by 29CFR1910.1200 (i).

#### **Canadian Domestic Substances List (DSL):**

All components in this product are on the Canadian Domestic Substances List (DSL) or are exempt from listing.

#### **Canadian Ingredient Disclosure List:**

The following components are on the Canadian Ingredient Disclosure List (WHMIS):

None Listed

**Canadian WHMIS Class:**

Not controlled

**Notes:** No Additional Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**16 - Other information****Notes:** No Additional Information**HMIS Rating****Health: 1****Flammability: 1****Reactivity: 0****Personal Protection: X****NFPA Rating****Health: 2****Flammability: 1****Reactivity: 0**

Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme

Hazardous Materials Identification System (HMIS), National Paint and Coating Assn. rating applies to product "as packaged" (i.e., ambient temperature). Ratings are based upon HMIS<sup>®</sup> Rating Manual 1984. Values do not reflect HMIS<sup>®</sup> III.

National Fire Protection Association (NFPA) rating identifies the severity of hazards of material during a fire emergency (i.e., "on fire").

**Legend:**

* :	Trademark owned by The Lubrizol Corporation.
ACGIH:	American Conference of Governmental Industrial Hygienists
A1:	Confirmed human carcinogen
A2:	Suspected human carcinogen
A3:	Animal carcinogen
CAS No:	Chemical Abstract Service Registry Number
IARC:	International Agency for Research on Cancer
Group 1:	Carcinogenic to humans
Group 2A:	Probably carcinogenic to humans
Group 2B:	Possibly carcinogenic to humans
Group 3:	Unclassified as a carcinogen to humans
MSHA:	Mine Safety and Health Administration
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
N/A:	Not Applicable
N/E:	None Established
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
PNOC:	Particulates Not Otherwise Classified
RTK:	Right To Know
STEL:	Short Term Exposure Limit (15 minute Time Weighted Average)
TLV:	Threshold Limit Value
C:	Ceiling Limit
S:	Skin notation refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and the eyes and by direct skin contact with the substance
WHMIS:	Canadian Workplace Hazardous Materials Information System

**Users responsibility/disclaimer of liability**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to develop appropriate work practice guidelines and employee instructional programs for your operation.