

# 1,2-Dilauroyl-sn-glycero-3-phosphorylglycerol: sc-280240



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 1,2-Dilauroyl-sn-glycero-3-phosphorylglycerol

**Product Number:** sc-280240

**Supplier:** Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, CA 95060  
800.457.3801 or 831.457.3800

**Emergency:** ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>EINECS#</u>
1,2-Dilauroyl-sn-glycero-3-phosphorylglycerol (Na <sup>+</sup> salt), [DLPG]	73548-69-3	-

**Source:** synthetic

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** solid

**IMMEDIATE CONCERNS:** R36/37/38 – Irritating to eyes, respiratory system and skin.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May cause skin irritation.

**INGESTION:** Substance may be harmful if swallowed.

**INHALATION:** May be harmful if inhaled.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Contact causes skin irritation.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**ACUTE TOXICITY:** Slightly irritating to eyes and respiratory tracts.

**CARCINOGENICITY:** This material not known to cause cancer in animals or humans.

**COMMENTS HEALTH:** The toxicological properties of this material have not been fully investigated.

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**SKIN:** Wash with soap and water.

**INGESTION:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water in order to prevent pressure build-up, autoignition or explosion.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Avoid breathing (dust, vapor, mist, gas).

**STORAGE:** Store at -20° C

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use only in a well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** solid

**BOILING POINT:** > 300°C

**MOLECULAR WEIGHT:** 632

**MOLE. WT. FORMULA:** C30H58O10P·Na

## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Not available

**SKIN EFFECTS:** Not available

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Do not flush to sewer.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** This material and its container must be disposed of in a safe way.

**PRODUCT DISPOSAL:** Dispose of waste in accordance with all State, Federal, and local regulations.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not restricted

**TECHNICAL NAME:** Nonhazardous

**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

## 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** NO    **PRESSURE GENERATING:** NO    **REACTIVITY:** NO    **ACUTE:** NO    **CHRONIC:** NO

*The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

5/23/2011