

Safety Data Sheet

Revision: 04/17/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
1,2-Dimyristoyl-*sn*-Glycero-3-Phosphocholine

PRODUCT CODE:
D514

SUPPLIER:

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600
Please visit our website at for contact information on Anatrace product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887
Chemtrec ID# 696910

HAZARDS IDENTIFICATION

GHS

Not a hazardous substance or mixture

LABEL ELEMENTS

Hazard statements

H303: May be harmful if swallowed
H313: May be harmful in contact with skin
H333: May be harmful if inhaled
H335: May cause respiratory irritation

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

CHIP

R & S phrases

S:22 Do not breathe dust.
S:24 Avoid contact with skin.
S:36/37 Wear suitable protective clothing and gloves

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

1,2-Dimyristoyl-*sn*-Glycero-3-Phosphocholine

CAS NO.

18194-24-6

EC NO:

242-085-9

%WT

~100%

SYNONYMS

DMPC

FIRST-AID MEASURES

In case of contact:

Immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

In case of contact with eyes:

Rinse immediately with plenty of water and seek medical advice.

If inhaled:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

If swallowed:

Wash out mouth with water provided person is conscious. Call a Physician.
Wash contaminated clothing before reuse.

FIRE-FIGHTING INFORMATION

Extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards:

Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Wear NIOSH/MSHA-approved respirator or equivalent, chemical safety goggles, rubber boots and heavy rubber gloves. Collect in a manner that does not create dust and place in a suitable waste container.
Do not let product enter drains.
Ventilate area and wash spill site after material pickup is complete.

HANDLING AND STORAGE

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
Store at -20°C. Keep tightly closed.

PERSONAL PROTECTION

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles and lab coat or other protective clothing. A qualified industrial hygienist should evaluate the need for respiratory protection. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash. Wash thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Vapor Pressure: No data available
Solubility: Chloroform, Methanol
Percent Volatile: No data available
Chemical Formula: C₃₆H₇₂NO₈P

Boiling Point: No data available
Vapor Density: No data available
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: No data available

STABILITY AND REACTIVITY**Stability:**

Stable. Avoid heat, humidity, light and oxygen.

Incompatibilities:

Strong oxidizing agents.

Thermal decomposition can lead to the release of toxic fumes of carbon oxides.

Hazardous polymerization:

Will not occur.

TOXOLOGICAL INFORMATION**Acute effects:**

May be harmful if swallowed, inhaled, or absorbed through skin.

May cause eye, skin and respiratory tract irritation.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

The absence of hazard, toxicity or other information does not imply that the product is safe. Handle all chemicals with due and appropriate caution and under competent supervision. Minimize exposure and contact. Use good manufacturing or laboratory practices.

ECOLOGICAL INFORMATION

No data available.

DISPOSAL CONSIDERATIONS

Waste disposal must be in accordance with appropriate Federal, State and local regulations. This product, if permitted by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fire extinguished with this material may be hazardous.

TRANSPORTATION INFORMATION

US DOT / IATA: No applicable information

REGULATORY INFORMATION

RCRA - No applicable information.

SARA 302 - This material does not have an RQ or TPQ. SARA 313 - This material is not reportable under 313.

EPA TSCA Section 8(b) - This chemical substance is NOT specifically listed on the EPA TSCA Inventory. It is supplied for research and development use only, by or directly under the supervision of technically qualified individuals. NOT for manufacturing or commercial purposes.

Exposure Limits - Not established.

California Proposition 65 - No applicable information.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.