

Safety Data Sheet

Revision: 04/28/2014

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-Dioctanoyl-sn-Glycero-3-Phosphocholine

PRODUCT CODE:
D608

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

Acute toxicity, oral (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific organ toxicity- repeated exposure (Category 2)
Acute aquatic toxicity (Category 3)
Chronic aquatic toxicity (Category 3)

LABEL ELEMENTS

Hazard statements

H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H373: May cause damage to organs through prolonged or repeated exposure
H412: Harmful to aquatic life with long lasting effects

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273: Avoid release to the environment
P280 Wear protective gloves.
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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-Dioctanoyl-sn-Glycero-3-phosphocholine

CAS NO.

19191-91-4

EC NO:

NA

%WT

~100%

SYNONYMS

diC8PC

FIRST-AID MEASURES

EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If irritation persists, get medical advice/attention. Wash hands after handling.

SKIN:

Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs, seek medical advice.

INHALATION:

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

INGESTION:

Call a POISON CENTER or doctor/physician. Rinse mouth with water.

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

Wear NIOSH/MSHA-approved respirator or equivalent, chemical safety goggles, rubber boots and heavy rubber gloves.

MEASURES

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: C₂₄H₄₈NO₈P

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.

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.