# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard

## C18:0 DG-PEG2000-TRIGALNAC

| Version | Revision Date: | Product code: | Date of last issue: | Print Date : |
|---|---|---|---|---|
| 0.0 | 00/00/0000 | A88258P | - | 10/07/2026 |
| | | | Date of first issue: 04/03/2026 | |

### SECTION 1. IDENTIFICATION

Product name : C18:0 DG-PEG2000-TRIGALNAC
Legacy Code : 880258P

**Manufacturer or supplier's details**

Company name of supplier : Avanti Polar Lipids, LLC.
Address : 700 Industrial Park Drive
Alabaster, AL 35007-9105
US

Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC toll free: 1-800-424-9300; direct/international: 1-703-527-3887. CANADA: GFL 1-877-898-7222. EUROPE: 00 32 3575 5555. ASIA PACIFIC - excl. China:+65 6542-9595. CHINA: +86 816-635 2206. AUSTRALIA: +61 2 7808 3390. SOUTH AFRICA: +32 3 575 55 55. BRASIL: Ambipar 0800 117 2020. LATAM: Suatrans (+55) 11 98149-0850 / (+55) 19 3833-5300. COLOMBIA: +312 586 2890 / 310 588 1555. INDIA: +91 22 30948601/2. JAPAN: +65 6542 9595 (24 時間日本語対 応無料通話, シンガポール). TÜRKIYE: Sağlik Bakanliği Ulusal Zehir Merkezi 114

### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

**Hazards for the product as supplied**

Combustible dust

**Other hazards**

None known.

**GHS label elements**

Signal Word : Warning

Hazard Statements : May form combustible dust concentrations in air.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Pure substance

**Components**

No hazardous ingredients

## SECTION 4. FIRST AID MEASURES

| | | |
|---|---|---|
| If inhaled | : | If breathed in, move person into fresh air.<br>If symptoms persist, call a physician. |
| In case of skin contact | : | In case of contact, immediately flush skin with soap and plenty of water.<br>If symptoms persist, call a physician. |
| In case of eye contact | : | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| If swallowed | : | If large quantities of this material are swallowed, call a physician immediately. |
| Most important symptoms and effects, both acute and delayed | : | None known. |

## SECTION 5. FIRE-FIGHTING MEASURES

**Flammable properties**

| | | |
|---|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire fighting | : | Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Ensure adequate ventilation.<br>Use personal protective equipment. |
| Methods and materials for containment and cleaning up | : | Sweep up and shovel into suitable containers for disposal. |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against | : | Provide appropriate exhaust ventilation at places where dust |

| | | |
|---|---|---|
| fire and explosion | | is formed.<br>Avoid dust formation in confined areas. |
| Advice on safe handling | : | Avoid dust formation.<br>Handle in accordance with good industrial hygiene and safety practice. |
| Conditions for safe storage | : | Store in original container.<br>Keep container tightly closed in a dry and well-ventilated place. |
| Further information on storage conditions | : | Store at -20° C |
| Materials to avoid | : | No special restrictions on storage with other products. |
| Further information on storage stability | : | Keep in a dry place.<br>Stable under recommended storage conditions. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

| | | |
|---|---|---|
| Respiratory protection | : | No personal respiratory protective equipment normally required. |
| Hand protection | | |
| Remarks | : | For prolonged or repeated contact use protective gloves. |
| Eye protection | : | Safety glasses with side-shields |
| Skin and body protection | : | Impervious clothing |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | powder |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Possibility of hazardous reactions | : | Stable under recommended storage conditions. |
| Conditions to avoid | : | Avoid dust formation. |
| Incompatible materials | : | Strong oxidizing agents |
| Hazardous decomposition products | : | In case of fire hazardous decomposition products may be produced such as:<br>Carbon oxides |

## SECTION 11. TOXICOLOGICAL INFORMATION

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
No data available

**Persistence and degradability**
No data available

**Bioaccumulative potential**
No data available

**Mobility in soil**
No data available

**Other adverse effects**
No data available

**Endocrine disrupting properties**
No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

| | | |
|---|---|---|
| Waste from residues | : | Dispose of in accordance with local regulations. |
| Contaminated packaging | : | Empty remaining contents.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## SECTION 14. TRANSPORT INFORMATION

**International Regulations**

**Transport in bulk according to IMO instruments**
Not applicable for product as supplied.

**Domestic regulation**

**Special precautions for user**

| | | |
|---|---|---|
| Remarks | : | Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations. |

## SECTION 15. REGULATORY INFORMATION

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**
This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Combustible dust

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**Pennsylvania Right To Know**

| | |
|---|---|
| 1,2-Dioctadecyl-sn-glycero-3N-[carboxy(polyethylene glycol)-2000]-N-tri(N-acetylgalactosamine) | 3091879-58-9 |

**New Jersey Right To Know**

| | |
|---|---|
| 1,2-Dioctadecyl-sn-glycero-3N-[carboxy(polyethylene glycol)-2000]-N-tri(N-acetylgalactosamine) | 3091879-58-9 |

**California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

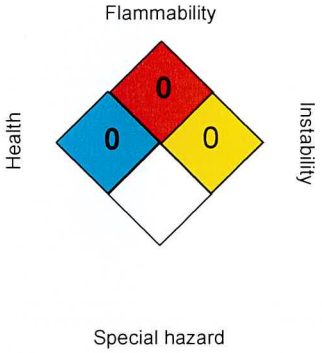
**The ingredients of this product are reported in the following inventories:**

| | | |
|---|---|---|
| TW TCSI | : | Not in compliance with the inventory |
| US TSCA | : | This product is not listed on the public TSCA Inventory or the TSCA status of the product has not been evaluated. For FDA uses only |
| AU AIIC | : | Not in compliance with the inventory |
| CA. DSL | : | This product contains one or several components that are not on the Canadian DSL nor NDSL. |
| JP ENCS | : | Not in compliance with the inventory |
| JP ISHL | : | Not in compliance with the inventory |
| KR KECI | : | Not in compliance with the inventory |
| PH PICCS | : | Not in compliance with the inventory |
| CN IECSC | : | Not in compliance with the inventory |
| NZ NZIoC | : | Not in compliance with the inventory |
| EU REACH | : | Not in compliance with the inventory |
| TH TECI | : | Not in compliance with the inventory |

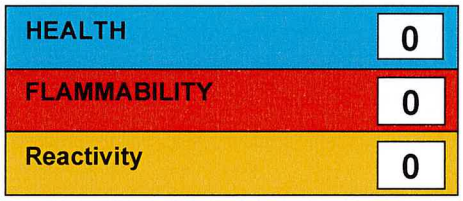
## SECTION 16. OTHER INFORMATION

### Further information

**NFPA:**




**HMIS II:**




0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the

European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 00/00/0000

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