

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## DSPE-PEG2000-triGalNAc (II)

|         |                |               |                      |              |
|---------|----------------|---------------|----------------------|--------------|
| Version | Revision Date: | Product code: | Date of last issue:  | Print Date : |
| 0.0     | 00/00/0000     | A88260P       | -                    | 10/07/2026   |
|         |                |               | Date of first issue: |              |
|         |                |               | 10/07/2025           |              |

### SECTION 1. IDENTIFICATION

Product name : DSPE-PEG2000-triGalNAc (II)  
Legacy Code : 880260P

#### 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: Sağlık Bakanlığı 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

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### 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 |
|------------------------------|---|--------------------------------------------------------------|

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|                                           |   |                                                                                                   |
|-------------------------------------------|---|---------------------------------------------------------------------------------------------------|
| 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 |

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### 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

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

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

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### 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.

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### 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.

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**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-distearoyl-sn-glycero-3-phosphoethanolamine-N-[carboxy(polyethylene glycol)-2000]-N-trident (N-acetylgalactosamine), ammonium sa | 3081969-01-6 |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------|

#### New Jersey Right To Know

|                                                                                                                                      |              |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[carboxy(polyethylene glycol)-2000]-N-trident (N-acetylgalactosamine), ammonium sa | 3081969-01-6 |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------|

#### 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.<br>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                                                                                                   |

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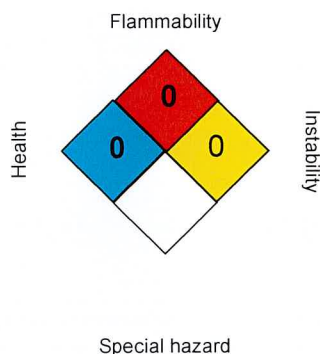
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10/07/2026

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10/07/2025

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA:



##### HMIS II:

|              |   |
|--------------|---|
| HEALTH       | 0 |
| FLAMMABILITY | 0 |
| Reactivity   | 0 |

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

#### Full text of other abbreviations

AIIIC - 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

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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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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