

MSDS# 99660

Section 1 - Chemical Product and Company Identification

MSDS Name: N-Palmitoyl-D-erythro-sphingosine, synthetic, 99+%
 Catalog Numbers: AC331540000, AC331540050, AC331540500, AC331542500
 Synonyms: Ceramide C15

Company Identification: Acros Organics BVBA
 Janssen Pharmaceuticaalaaan 3a
 2440 Geel, Belgium
 Acros Organics
 Company Identification: (USA) One Reagent Lane
 Fair Lawn, NJ 07410
 For information in the US, call: 800-ACROS-01
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 Emergency Number, Europe: +32 14 57 52 99
 Emergency Number US: 201-796-7100
 CHEMTREC Phone Number, US: 800-424-9300
 CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#: 24696-26-2
 Chemical Name: N-Palmitoyl-D-erythro-sphingosine
 %: 99+%
 EINECS#: unlisted

Hazard Symbols: None listed
 Risk Phrases: None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available Target Organs: None known.

Potential Health Effects

Eye: May cause eye irritation.
 Skin: May cause skin irritation.
 Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
 Inhalation: May cause respiratory tract irritation.

Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
 Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
 Ingestion: Get medical aid. Wash mouth out with water.
 Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
 Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire.

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

NFPA Rating: NFPA Rating:

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
 Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, mist, or vapor. Avoid contact with skin and eyes.
 Storage: Store in a tightly closed container. Keep refrigerated. (Store below 4°C/39°F.)

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
N-Palmitoyl-D-erythro-sphingosine	none listed	none listed	none listed

OSHA Vacated PELs: N-Palmitoyl-D-erythro-sphingosine: None listed

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Personal Protective Equipment

Eyes: Not available
 Skin: Wear appropriate protective gloves to prevent skin exposure.
 Clothing: Wear appropriate protective clothing to prevent skin exposure.
 Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Powder
 Color: white

Odor: Not available
 pH: Not available

Vapor Pressure: Not available
 Vapor Density: Not available

Evaporation Rate: Not available
 Viscosity: Not available

Boiling Point: Not available
 Freezing/Melting Point: 94 - 95 deg C

Decomposition Temperature: Not available
 Solubility in water: insoluble

Specific Gravity/Density:
 Molecular Formula:

Molecular Weight: 537.91

Section 10 - Stability and Reactivity

Chemical Stability: Not available
 Conditions to Avoid: Incompatible materials.
 Incompatibilities with Other Materials: Not available
 Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, carbon dioxide.
 Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 24696-26-2: None listed
 LD50/LC50: RTECS: Not available.
 Carcinogenicity: N-Palmitoyl-D-erythro-sphingosine - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
 Other: The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT

Shipping Name: Not regulated as a hazardous material

Hazard Class:

UN Number:

Packing Group:

Canada TDG

Shipping Name: Not available

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available
 Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 24696-26-2: Not available

Canada

Canadian WHMIS Classifications: Not available

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 24696-26-2 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 24696-26-2 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Other Information

MSDS Creation Date: 7/01/1998

Revision #4 Date 3/20/2008

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.