

Material Safety Data Sheet

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Section 1 Identification of the Substance

Product number: C049

Product name: NBD C₆-ceramide [6-((N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino)caproyl) sphingosine

Section 2 Hazardous Ingredients/Identity Information

| Chemical Name | CAS-No | EINECS-No | Weight % |
|------------------------------|--------|-----------|----------|
| NBD C ₆ -ceramide | - | - | 60-100 |

Section 3 Physical and Chemical Properties

| | |
|---------------------------------|--------------------------|
| Form | solid |
| Appearance | No information available |
| Odor | No information available |
| Boiling point | No data available |
| Melting point | No data available |
| Flash point | No data available |
| Autoignition temperature | No data available |
| Oxidizing properties | No information available |
| Water solubility | low |

Section 4 Potential Health Hazard Effects

| | |
|------------------------------|--|
| Eyes | May cause eye irritation with susceptible persons. |
| Skin | May cause skin irritation in susceptible persons. |
| Inhalation | May be harmful by inhalation. |
| Ingestion | May be harmful if swallowed. |
| Carcinogenic effects | not applicable. |
| Reproductive toxicity | not applicable. |
| Sensitization | not applicable. |

Section 5 Stability and Reactivity Data

| | |
|--------------------------------|--|
| Stability | Stable under normal conditions. |
| Materials to avoid | No information available. |
| Hazardous decomposition | No information available. |
| Polymerization | Hazardous polymerization does not occur. |

Section 6 Toxicological and Ecological Information

| Chemical Name | LD50 (oral, rat/mouse) | LD50 (dermal, rat/rabbit) | LC50 (inhalation, rat/mouse) |
|------------------------------|------------------------|---------------------------|------------------------------|
| NBD C ₆ -ceramide | No data available | No data available | No data available |

| | |
|----------------------------|---------------------------|
| Ecotoxicity effects | No information available. |
| Mobility | No information available. |
| Biodegradation | Inherently biodegradable. |
| Bioaccumulation | Does not bioaccumulate. |

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Section 7 Handling and Storage

| | |
|-----------------|---|
| Handling | Always wear recommended Personal Protective Equipment. No special handling advice required. |
| Storage | Keep in a dry, cool and well-ventilated place. |

Section 8 First Aid Measures

| | |
|---------------------|--|
| Skin contact | Rinse with plenty of water. If symptoms arise, call a physician. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. |
| Ingestion | Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice. |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. |

Section 9 Disposal Considerations

Dispose of in accordance with local regulations.

Section 10 Other Information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

End of Material Safety Data Sheet