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MATERIALS SAFETY DATA SHEET

Product Name: Sphinganine-1-PO₄, Sphinganine-1-Phosphate

Catalog Number: 860536

M.W.: 381.49

Physical Form: Powder

Color: White

Chemical Abstracts Registry Number:

CMC:

Special Storage: Store in freezer at < -20° C

PKA:

Hygroscopic:

Physical Hazards

This product is not a flammable solid as defined by D.O.T. regulations, Section 173.150. Firefighting methods: use carbon dioxide, dry chemical extinguishers or water.

An approved self-contained breathing apparatus and protective clothing should be used.

Health Hazards

To the best of our knowledge, the health hazards have not been thoroughly investigated.

Safety Precautions and Control Measures

Potentially harmful if inhaled or ingested. Do not get in eyes, on skin, or on clothing. Potential skin and eye irritant. Wash thoroughly after handling. Safety shower and eye bath are recommended. Mechanical ventilation and respiratory protection are strongly recommended. Gloves and protective eyewear should be worn when working with this material.

Waste disposal: sweep loose solids into paper container and incinerate, subject to federal, state, and local laws. Clean-up procedure: wash with acetone or alcohol, then with soap and water.

Emergency and First Aid Procedures

If skin contact occurs, wash with plenty of water; seek medical advice. If eye contact occurs, wash with plenty of water and seek medical advice. If swallowed, wash mouth out with water and seek medical advice. If inhaled, expose to fresh air. If breathing problems persist, seek medical advice.

Fire and Explosion Hazard Data

Extinguishing Media: water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam. Special Firefighting Procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Reactivity Data

Stability: stable. Hazardous Combustion or Decomposition Products: carbon monoxide, carbon dioxide. Hazardous Polymerization will not occur.

Spill or Leak Procedures

Steps to be Taken if Material is Released or Spilled: wear protective equipment, sweep up, place in a bag and hold for waste disposal, avoid raising dust, ventilate area and wash spill site after material pickup is complete. Waste Disposal Method: dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber, observe all Federal, State, and Local Laws.

The above information is correct to the best of our knowledge. All material should be handled only by

technically qualified individuals experienced in handling potentially hazardous chemicals. The user should make independent decisions regarding completeness of the information based on all sources available.

Avanti Polar Lipids, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. For further information or in case of emergency contact the manufacturer.

**Emergency Telephone Number (CHEMTREC): U.S. 800-424-9300, Int'l
703-527-3887**

Revised: 1/2004