

MATERIAL SAFETY DATA SHEET

CHEMICAL IDENTIFICATION

Catalogue Number: RTB-470

Product Name: BeKm1

COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.: Not available.

Molecular Formula: $C_{174}H_{255}N_{51}O_{52}S_6$

Molecular Weight: 4085.6

HAZARDS IDENTIFICATION

Physical/chemical hazards: Not applicable.

Human health hazards: Harmful by inhalation, in contact with skin and if swallowed.

FIRST AID MEASURES

First-Aid measures:

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Effects and symptoms:

Skin Contact: Hazardous in case of inhalation.

Ingestion: Hazardous in case of ingestion.

Skin Contact: Hazardous in case of skin contact (permeator).

Aggravating conditions: Repeated or prolonged exposure is not known to aggravate medical condition.

FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam.

Do not use water jet.

Special Fire-fighting Procedures:

Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

Unusual fire and explosive hazards: May emit toxic gases upon thermal decomposition.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient: consult a specialist BEFORE handling this product.

Environmental Precautions and Clean-up Methods:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through sanitary system.

HANDLING AND STORAGE

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above $-20^{\circ}C$ ($-4^{\circ}F$).

Handling: Keep away from heat. Keep away from source of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

EXPOSURE CONTROLS / PERSONAL PROTECTION

A physician should be notified prior to working with this product, in order to be prepared in the event of an emergency. Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles, long-sleeved coveralls with tight collar and cuffs and shoe covers. Lab should be equipped with an eye wash station. Avoid prolonged or repeated exposure. Do not breathe dust. Do not get in eyes on skin or on clothing. Wash thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.

Density: Not available.

Flash point: Not available.

Explosive properties: Not available.

Solubility: Easily soluble in methanol.

STABILITY AND REACTIVITY

Stability: The product is stable.

Conditions to Avoid: Do not shake or vortex.

Hazardous Combustion or Decomposition Products:

May emit toxic gases such as carbon dioxide, carbon monoxide and nitrogen oxides upon thermal decomposition.

TOXICOLOGICAL INFORMATION

May be harmful if inhaled, swallowed or absorbed through skin. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

DISPOSAL CONDITIONS

Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

OTHER INFORMATION

The above information is believed to be correct, but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow local and national safety legislation. The absence of warning may not, under any circumstances, be taken to mean that no hazard exists. Alomone Labs disclaims all liability for any damage resulting from use of this material.

Last modified: October 23, 2011