MATERIAL SAFETY DATA SHEET

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SECTION I - Name and Hazard Information

Trade Name: RITAPAN EE
INCI Name: Panthenyl Ethyl Ether


Hazard Identification: This product does not contain any hazardous ingredients.

SECTION II - Ingredients

CAS Number(s): 667-83-4
EINECS Number(s): 211-569-1

Ingredients not precisely identified are proprietary and non hazardous. Values are not product specifications.

SECTION III - Physical Data

Appearance: Colorless to slightly yellow, viscous liquid
Odour: Characteristic
pH: N/A
Boiling point: 150°C (0.05 mmHg)
Melting point: N/A
Flashpoint: 166-168°C
Specific Gravity: N/A
Solubility in water: Soluble in water, freely soluble in methanol, ethanol, isopropanol, acetone and ether.

SECTION IV - Fire and Explosion Hazard

Extinguishing Media: Water spray, dry chemical, carbon dioxide, or foam.
Risks Arising from Combustion: May emit noxious fumes.
Protective Equipment: Firefighters should wear a NIOSH approved self-contained breathing apparatus in the positive pressure mode.

SECTION V - Reactivity Data

Conditions to avoid: Stable
Materials to avoid: N/A
Hazardous decomposition products: Stable under normal conditions, may emit noxious fumes of CO.

SECTION VI - Health Hazard Assessment

Acute toxicity: N/A
Skin contact: Skin irritation
Eye contact: Eye irritation

Inhalation/Ingestion
FIRST AID PROCEDURES:

Skin Contact: Remove contaminated clothing. Wash the affected area with plenty of soap and water. Wash contaminated clothing before reuse. If irritation develops, consult a physician.

Ingestion: Wash the mouth thoroughly with water. If a large amount has been swallowed, drink one or two glasses of water and induce vomiting. Person developing hypersensitivity reactions must receive medical attention immediately.

Eye Contact: Flush eyes immediately with copious amounts of water for at least 15 minutes. Receive medical attention.

Inhalation: Remove victim to fresh air.

SECTION VII - Spill or Leak Procedures

Personal precautions: Use gloves and goggles.

Environmental precautions: Organic component of the product is biodegradable.

Methods for cleaning: Contain spilled material. Where necessary, collect using absorbent media. Transfer to secure containers.

SECTION VIII - Special Protection Information

Engineering measures: Give adequate ventilation to the premises where the product is stored and/or handled.

Personal protection equipment: Not needed for normal use.

Control Parameters: Not needed for normal use.

Eye protection: Wear safety glasses meeting the specifications of ANSI Standard Z87.1.

Hand protection: Recommend wearing rubber gloves when handling chemicals.

Hygiene measures: Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

SECTION IX - Special Precautions or Other Comments

Handling: Avoid breathing vapors. Do not get in eyes. Open, handle, and use under well-ventilated conditions. Wash thoroughly after handling. Always wash up before eating, smoking, or using toilet facilities.

Storage: Store in a cool, dry place.

Disposal: If possible recover the product, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.

According to current knowledge no negative ecological reactions are to be expected.

This product is not considered dangerous. TSCA: Listed or exempt; AICS: Listed or exempt; DSL: Listed or exempt; EINECS: Listed or exempt

The information herein is given in good faith, but no warranty, expressed or implied is made.

H: 0  F: 0  R: 0

DOT not regulated. Non-hazardous material.