Material Safety Data Sheet
LIQUID VITAMIN PREMIX

Date of New Version: 07/01
Replaces Version: 05/90
Formula: Vitamin Mixture
Manufacture's Name: Alpharma, Inc.
Manufacture's Address: 1301 Iowa Avenue, Longmont, CO 80501 USA
Emergency Telephone: 800-678-7112 CHEMTREC 24 HOUR: 1-800-424-9300

SECTION 1  HAZARDOUS INGREDIENTS/IDENTITY

Material: None Known  TLV Units: Not Applicable
Hazard: None Known

SECTION 2  PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: Not Determined
Vapor Pressure: Not Determined
Specific Gravity or Bulk Density: Not Determined
Vapor Density: Not Determined
Evaporation Rate: Not Determined
Solubility In Water: Dispersible
Appearance and Odor: Yellowish brown liquid with characteristic vitamin odor

SECTION 3  FIRE AND EXPLOSION DATA

Flash Point: Not Determined
Flammable Limits: Not determined
Extinguishing Media: Use alcohol foam, CO₂, dry chemical
Special Fire Fighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.
Unusual Fire and Explosions Hazards: None

SECTION 4  REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Heat, ultraviolet light
Incompatibility: None
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION 5  HEALTH HAZARD DATA

Threshold Limit Values: Not Determined

Effects of Overexposure:
Internal: Vitamin D is a nutritional requirement. Although overdosing seldom occurs, the following symptoms have been noted if excessive amounts are ingested: Elevated levels of serum calcium and phosphorous, drowsiness, gastrointestinal symptoms, renal failure, metastatic calcifications and hypotensions.
External: Eye and skin contact may result in irritation.
SECTION 6  EMERGENCY AND FIRST AID PROCEDURES

Eyes:        Flush with flowing water for at least 15 minutes. If irritation develops, consult a physician.

Skin:        Wash affected skin areas with soap and water.

Ingestion:   If ingestion overdose occurs, prevent further ingestion and consult a physician.

SECTION 7  PRECAUTIONS FOR HANDLING AND USE

Precautions to be taken in handling and storage:
Store in a cool, dry place at 45° to 60° F (7° to 15.5°C). Keep containers sealed when not in use. May cause eye and skin irritation on contact. Harmful if large amounts are ingested.

Action to be taken in case of spills: Spills should be contained, solidified, and placed in suitable containers for disposal.

SECTION 8  CONTROL MEASURES

Respiratory Protection: If mists or vapors are generated, wear an approved organic vapor or mist respirator.

Ventilation: Local exhaust should be of adequate capacity to control mists and vapors.

Eye Protection: Side shield safety glasses or goggles

SECTION 9  REGULATORY INFORMATION

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