

Material Safety Data Sheet

LIQUID VITAMIN PREMIX

090877

Date of New Version: 07/01
Replaces Version: 05/90
Formula: Vitamin Mixture
Manufacturer's Name: Alpharma, Inc.
Manufacturer'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

Although the information and recommendations set forth herein (Hereinafter "information") are presented in good faith and believed to be correct as of the date thereof, Alparma, Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Alparma, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. **No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers.**