

Product: 655-99001 Prentiss Meelium^(R) 60% Concentrate

Material Safety Data Sheet
U.S. Department of Labor (OSHA 29 CFR 1910.1200)

Section I: Product Identification

Product: 655-99001 Prentiss Meelium^(R) 60% Concentrate

Manufacturer's Name: Prentiss Incorporated
 C. B. 2000
 Floral Park, NY 11001

Telephone Number: (516) 326-1919

Date Prepared: May 7, 1997
Supersedes: March 1, 1994
Reason: Revision of sections II & III.

Section II: Hazardous Ingredients/Identity Information

Hazardous Components:	OSHA PEL	ACGIH TLV	%
Active ingredient (CAS # - Confidential)	None	None	<45.0%
Pine Oil (CAS # 8002-09-3)	None	None	<0.5%
Isoparaffinic Solvent (CAS # 64742-47-8)	None	None	<45.0%
Supplier recommends 300 ppm total hydrocarbons based on composition.			
Inert Ingredient #1 (CAS # - Confidential)	2 mg/M ³	2 mg/M ³	<0.5%
Inert Ingredient #2 (CAS # - Confidential)	None	None	<5.0%
Inert Ingredient #3 (CAS # - Confidential)	None	None	<8.0%
Water (CAS # - N/A)	N/A	N/A	<2.0%

This product is a proprietary mixture of ingredients. It does not contain any known SARA Title III, Section 313 reportable chemicals at greater than 1.0% (0.1% for carcinogens).

Section III: Physical/Chemical Characteristics

Boiling Point: N/D

Specific Gravity (H₂O = 1): 0.9108

Vapor Pressure (mmHg): N/D

Melting Point: N/D

Vapor Density (Air = 1): N/D

Evaporation Rate (Butyl Acetate = 1): N/D

Solubility in Water: Emulsifiable. (pH of 1% solution 8.3-9.3)

Appearance and Odor: Viscous dark amber liquid. Mild pine odor.

Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used): 170° F., Closed Cup.
Flammable Limits: **LEL:** N/D **UEL:** N/D
NFPA Hazard Ratings: **Health:** 1 **Flammability:** 1 **Reactivity:** 0
Extinguishing Media: Alcohol foam, CO₂, dry chemical, water fog.

Special Fire Fighting Procedures: Water may be ineffective due to the nature of the product. Use water to cool containers. Caution should be used when using water or foam, as frothing may occur, especially if sprayed into containers of hot burning liquid.

Unusual Fire and Explosion Hazards: Dense smoke may be generated while burning. CO, CO₂, and other oxides may be generated as products of combustion.

Section V: Reactivity Data

Stability: Stable.
Conditions to avoid for stability: None known.
Incompatibility: Avoid strong oxidizers and acids.
Hazardous Decomposition or Byproducts: Sulfur dioxide.
Hazardous Polymerization: Will not occur.
Conditions to avoid for Hazardous Polymerization: None.

Section VI: Health Hazard Data

Routes of Exposure:

Inhalation: Yes.
Skin: Yes.
Ingestion: Yes.

Health Hazards (Acute and Chronic): Eye contact: Based on testing of Meelium 60% Concentrate, this product may be severely irritating to the eye. Prolonged contact may cause irreversible eye damage. If in eyes, flush immediately with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. Skin contact: Avoid skin contact. Based on testing of Meelium 60% Concentrate, this product is a moderate skin irritant upon prolonged skin contact. Wash any contaminated area immediately and thoroughly with soap and water. If irritation develops, get medical attention. Ingestion: The Acute Oral LD₅₀ of Meelium 60% Concentrate is >19,000 mg/Kg. Relative to other substances, this product is of very low toxicity and a single dose is unlikely to be fatal. The active ingredient in this product has laxative properties, and may cause abdominal cramps and diarrhea. If ingested, do not induce vomiting, as vomiting may cause aspiration pneumonia. Get medical attention immediately. Inhalation: The Inhalation LC₅₀ of Meelium 60% exceeds 200 mg/l. Breathing of mists may cause irritation of the respiratory tract. Mists of this product, oil mists, are considered hazardous under the OSHA communication standard. The PEL and TLV for oil mists is 5mg/M³. Exposures below this level appear to be without significant health risk. The STEL for oil mists is 10 mg/M³. If inhaled, remove victim from exposure. Apply artificial respiration if victim is unconscious. Get medical attention immediately.

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Carcinogenicity:

NTP: No.

IARC Monographs: No.

OSHA Regulated: No.

Medical Conditions Generally Aggravated by Exposure:None known.

Section VII: Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Notify appropriate authorities of spill.

Contain spill immediately. Do not allow spill to enter sewers or water courses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay, sawdust, etc. Large spills may be picked up using vacuum pumps, shovels, buckets or other suitable means. Place contaminated materials in drums or other suitable containers for disposal.

Waste disposal method: All waste disposal must comply with Federal, State and local regulations. If regulated solvents are used for cleanup, the resulting waste mixture may be regulated. Waste material may be landfilled or incinerated at an approved facility.

Precautions for handling and storage: Do not transfer to unmarked containers. Store in closed, original containers. Keep away from heat or open flame.

Other precautions: Do not contaminate feed, foodstuffs or water supplies.

Section VIII: Control Measures

Respiratory protection: Respiratory protection is not required under conditions of normal use in manufacturing of other products using this product as an ingredient. If vapors or mists are generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. Any respirator must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

Ventilation: If vapor or mist is generated when this product is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified limits in Section VI, above.

Protective Gloves: Use chemical resistant gloves such as viton® or barrier laminate.

Eye Protection: Wear full face shield or goggles to prevent eye contact.

Other protective clothing or equipment: Not required.

Work/Hygienic practices: Wash thoroughly after handling, and before eating or smoking. Wash contaminated clothing before reuse.

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