

MATERIAL SAFETY DATA SHEET

**FATTIBASE**

<b>PADDOCK LABORATORIES, INC.</b> <b>3940 QUEBEC AVENUE NORTH</b> <b>MINNEAPOLIS, MINNESOTA 55427</b> <b>PHONE: (763)-546-4676</b>	<b><u>EMERGENCY ASSISTANCE:</u></b> <b>CHEMTREC 800-424-9300</b> <b>202-483-7616</b> <b>PADDOCK TECH. ASST. 800-328-5113</b>
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DATE PREPARED: 8-17-89 BY: Patrick L. Johnson

**SECTION 1 - PRODUCT IDENTIFICATION AND HAZARDOUS COMPONENTS**

PRODUCT: Fattibase

SYNONYMS: Fatty Acid Suppository Base, Hydrogenated Vegetable Oil Suppository Base

MOLECULAR FORMULA: Mixture

MOLECULAR WEIGHT: N/A

CHEMICAL FAMILY: Fatty acid ester

<u>INGREDIENT*(CAS #)</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Hydrogenated Vegetable Oil	97	N/A	N/A

\*Any ingredients not listed are; less than 5%, less than 1% if hazardous, and less than 0.1% if carcinogenic.

**SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT: >150°C

VAPOR PRESSURE: N/A

MELTING POINT: 32-35°C

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 0.85-0.95 (@37°C)  
(WATER = 1)

EVAPORATION RATE: N/A  
(BUTYL ACETATE = 1)

WATER SOLUBILITY: Insoluble.

WATER REACTIVE: No.

APPEARANCE AND ODOR: Opaque, white, waxy material; practically odorless.

**SECTION 3 - FIRE AND EXPLOSION DATA**

FLASH POINT (METHOD): N/A

AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS: LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with any organic compound, this material produce toxic carbon monoxide and dioxide fumes if heated to decomposition.

**SECTION 4 - REACTIVITY HAZARD DATA**

STABILITY: Stable ( X ) Unstable ( )

INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalis or caustics and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce toxic fumes if heated to decomposition.

HAZARDOUS POLYMERIZATION: May Occur ( ) Will Not Occur ( X )

**SECTION 5 - HEALTH HAZARD DATA**

TOXICITY: No specific data available but toxicity is believed to be very low.

CARCINOGEN LISTED BY:           NTP     Yes ( ) No ( X )  
  IARC    Yes ( ) No ( X )  
  OSHA   Yes ( ) No ( X )  
  Other   Yes ( ) No ( X )

ROUTES OF ENTRY: Ingestion, contact.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

INHALATION: Not normally an inhalation hazard.

EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause irritation.

INGESTION: May cause irritation of the gastrointestinal tract.

CHRONIC EFFECTS OF OVEREXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None known.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: None normally required.

EYE CONTACT: Flush with water for at least 15 minutes. If irritation persists or develops, seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists or develops, seek medical attention.

INGESTION: Not normally toxic if ingested in small amounts. If a large amount is ingested, seek medical attention or contact a poison control center immediately.

## **SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

RESPIRATORY PROTECTION: None normally required.

PROTECTIVE GLOVES: Rubber gloves recommended.

EYE PROTECTION: Safety glasses or goggles recommended. Avoid wearing contact lenses when working with this material due to the possibility of increased severity of eye damage.

VENTILATION: Normal room ventilation is normally adequate.

OTHER PROTECTIVE EQUIPMENT: Appropriate laboratory apparel.

HYGIENIC WORK PRACTICES: Do not eat, drink or smoke near this material. Wash any contaminated clothing before reuse.

## **SECTION 7 - HANDLING AND STORAGE PRECAUTIONS**

HANDLING PRECAUTIONS: Avoid contact with eyes, skin or clothing. Wash any contaminated clothing before reuse.

STORAGE PRECAUTIONS: Store in a cool, dry, well-ventilated location.

OTHER PRECAUTIONS: Do not eat, drink or smoke near this material.

## **SECTION 8 - SPILL AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE OF SPILL OR DISCHARGE: Wear all protective clothing. If solid, scoop up spillage and place in a tight container for disposal. If liquid, mop up with an absorbent material and place in a tight container for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

<b>SECTION 9 - DISCLAIMER</b>
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DEFINITIONS OF ABBREVIATIONS USED:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Service

IARC: Internal Agency for Research on Cancer

IDLH: Immediately Dangerous to Life or Health level

LC50: Median Lethal Concentration

LD50: Median Lethal Dose

N/A: Not available

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value