

**MI PASTE**  
**MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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Transportation Emergency No. 800-424-9300

**COMMON NAME:** MI PASTE**PRODUCT USE:** Topical paste with bio-available calcium and phosphate

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| COMPONENT        | C.A.S.     | EXPOSURE LIMITS  | LD50/LC50                                     | %      |
|------------------|------------|--|---|--------|
| Glycerol         | 56-81-5    | TWA=10 mg/m <sup>3</sup><br>(as mist) (ACGIH)                                      | N.E.  | 10-20% |
| CPP-ACP          | Not listed | N.E.   | N.E.  | 5-10%  |
| D-sorbitol       | 50-70-4    | N.E.   | N.E.  | 0-5%   |
| Propylene glycol | 57-55-6    | TWA=10mg/m <sup>3</sup><br>Dow (mist)  | LD50=20.0-33.7g/kg<br>(oral rat)<br>LC50=N.E. | 0-2%   |
| Silicon dioxide  | 7631-86-9  | TLV=10mg/m <sup>3</sup><br>total dust (ACGIH)<br>PEL=80mg/m <sup>3</sup><br>(OSHA) | LD50=>10,000mg/kg<br>(oral-rat)<br>LC50=N.E.  | 0-2%   |
| Titanium dioxide | 13463-67-7 | TWA=10mg/m <sup>3</sup><br>(respirable)<br>(ACGIH)                                 | N.E.  | 0-2%   |

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

|  |   |
|--|---|
| <b>BOILING POINT:</b> N.E.                         | <b>SPECIFIC GRAVITY:</b> 1.2 @25°C                      |
| <b>VAPOR PRESSURE:</b> N.E.                        | <b>MELTING POINT:</b> N.E.                              |
| <b>VAPOR DENSITY:</b> N.E.                         | <b>EVAPORATION RATE:</b> N.E.                           |
| <b>SOLUBILITY IN WATER:</b> partially miscible     | <b>ODOR THRESHOLD:</b> N.E.                             |
| <b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E. | <b>APPEARANCE AND ODOR:</b> white paste with sweet odor |

**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** Not flammable**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide and dry chemical.**SPECIAL FIRE FIGHTING PROCEDURES:** Water can be used to cool fire-exposed container and protect personnel. Use of normal protective equipment is recommended.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**HAZARDOUS COMBUSTION PRODUCTS:** None**SECTION 5 - REACTIVITY DATA**

|                        |  |                                     |
|------------------------|--|-------------------------------------|
| <b>STABILITY:</b>      | Stable <input checked="" type="checkbox"/>         | Unstable <input type="checkbox"/>   |
| <b>POLYMERIZATION:</b> | Will Not Occur <input checked="" type="checkbox"/> | Will Occur <input type="checkbox"/> |

**CONDITIONS TO AVOID:** Avoid high heat and humidity.**INCOMPATIBILITY (Materials to Avoid):** None**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

|                     | YES | NO | NE | NA | NTP | IARC | OSHA | OTHER |
|---------------------|-----|----|----|----|-----|------|------|-------|
| MUTAGENIC AFFECTS   |     | X  |    |    |     |      |      |       |
| TERATOGENIC AFFECTS |     | X  |    |    |     |      |      |       |
| REPRODUCTIVE TOXIN  |     | X  |    |    |     |      |      |       |
| CARCINOGENICITY     |     | X  |    |    |     |      |      |       |
| SENSITIZER          |     | X  |    |    |     |      |      |       |

ROUTES OF ENTRY: Inhalation  Skin  Ingestion 

**HEALTH HAZARD (Acute and Chronic):** CPP-ACP is derived from milk casein, it should not be consumed by patients with milk protein allergies.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** If irritation develops, seek medical attention.

**EYE CONTACT:** Flush eyes with plenty of water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

**SKIN CONTACT:** Remove with wet gauze or tissue. If irritation develops, seek medical attention.

**INGESTION:** Do not induce vomiting. Give plenty of water. If irritation develops, seek medical attention.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Cover with absorbent material. Small quantities can be disposed of with household waste.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal guidelines.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at room temperature. Keep container closed when not in use. Keep away from heat and high humidity.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:** Local Exhaust - Yes Mechanical:  Special:  Other:

**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.

**EYE PROTECTION:** Safety glasses recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.

**WORK/HYGIENIC PRACTICE:** Observe good hygienic work practices.

**SECTION 9 - PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR.*

**DATE:** 09 January 2006

**REVIEWED:** 26 January 2009

N.A. = NOT APPLICABLE  
N.E. = NOT ESTABLISHED

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

FIRE - 0

TOXICITY - 1

NFPA

REACTIVITY - 0

SPECIAL -