HARCROS CHEMICALS INC
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PFIZER MP 12-50 50#  DATE: 11/08/90
PRODUCT CODE: 16-21624-02

CAS # 014807-96-6
FORMULA: 3MgO.4SiO(2).H(2)O
CHEMICAL FAMILY: Magnesium Silicate Hydrate
CHEMICAL NAME AND SYNONYMS: MICROTALC - MONTANA TALC

MANUFACTURERS NAME: Pfizer Inc.
SUPPLIERS NAME: Harcros Chemicals Inc
5200 Speaker Rd
Kansas City, KS 66106
SUPPLIERS PHONE NUMBER: 913-321-3131
TRANSPORTATION EMERGENCY PHONE NUMBER: 1-800-424-9300

S.A.R.A. INFORMATION
HAZARDS: Fire: No  Pressure: No  Reactivity: No  Acute: No  Chronic: Yes
PHYSICAL DATA: Mixture: Yes  Pure: No  Solid: Yes  Liquid: No  Gas: No

SECTION I  Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percent</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (CAS # 14807-96-6)</td>
<td></td>
<td>TWA 2 mg/m(3) ACGIH/OSHA respirable (Talc containing no asbestos fibers).</td>
</tr>
</tbody>
</table>

There are extremely small, but detectable amounts of substances regulated under California's Safe Drinking Water and Toxic Enforcement Act (Proposition 65).
Arsenic - 0.9 ppm
Cadmium - less than 0.5 ppm
Chromium (VI) - less than 0.1 ppm
Lead - less than 1 ppm

These levels are "typical" quantities and may change slightly with different lots. The term "less than" indicated that the substance was detected, but the amount was less than the quantifiable limit.
Talc contains crystalline silica at levels greater than 0.1%, but less than 1.0%. These levels are "typical" and may change slightly with different lots.

SECTION II  Health Hazards

Threshold Limit Value: See Section I.

Potential Effects of Exposure (listed by primary routes of entry)

Eyes: Abrasion may cause eye irritation.
Skin: Abrasion may cause skin irritation.

Inhalation: May cause irritation to the upper respiratory tract. Long term, excessive exposure may cause severe and permanent damage to the lungs.

Ingestion: UNK

CONTINUED ON PAGE 02
SECTION II Health Hazards

First aid:

Eyes: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface. If irritation persists, seek medical attention.

Skin: Wash from skin with mild soap and water. Remove and launder contaminated clothing before reuse.

Inhalation: Remove from the exposure area.

Ingestion: If conscious, give large quantities of water to induce vomiting. Hold head below hips to prevent aspiration. Get medical attention.

Other Information:

This product is not considered a carcinogen by NTP, ACGIH and OSHA.

After reviewing the available toxicological information on talc, IARC concluded that there was insufficient evidence of carcinogenicity (Volume 42, 1987). However, talc may contain crystalline silica at levels greater than 0.1% but less than 1%. IARC has determined that there is limited evidence for the carcinogenicity of crystalline silica to humans and sufficient evidence for experimental animals.

TARGET ORGANS: Lungs.

PRIMARY ENTRY ROUTE(S): Inhalation, ingestion.

CHRONIC EFFECTS OF OVEREXPOSURE: Long term, excessive exposures may cause Talcosis, a pulmonary fibrosis which in turn may lead to severe and permanent damage to the lung.

SECTION III Special Protection Information

Respiratory Protection: If exposure limits are exceeded, an appropriate NIOSH approved dust respirator should be used.

Ventilation Required: Provide adequate exhaust ventilation to meet TLV requirements. An exhaust filter system may be required to avoid environmental contamination.

Protective Clothing:

Eyes: Safety glasses with side shields or dust tight goggles.

Skin: Leather or rubber gloves.

Additional Protective Measures:

Safety Stations: An eyewash station should be available to the area of use.

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SECTION IV  Fire & Explosion Hazard Data

Flash Point (Method): Non-flammable

Flammable Limits (% Volume in Air):
  Upper: UNK
  Lower: UNK

Extinguishing Media: Non-flammable. As appropriate for surrounding combustibles. Water spray may be used to wet down the material to help reduce airborne particulate levels.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Firefighters should use self-contained breathing equipment for dust protection when this fine powder is airborne in a fire situation.

SECTION V  Physical Data

Boiling Point: UNK
Specific Gravity (H(2)O=1): 2.5 - 2.8
Vapor Pressure (MM HG.): UNK
Vapor Density (AIR=1): UNK
Evaporation Rate (______=1): UNK
Solubility in Water: Insoluble
Percent Volatile by Volume: UNK
pH: UNK
Appearance and Odor: White Powder, No odor

SECTION VI  Reactivity Data

Stability: Stable
Incompatibility: None known.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

CONTINUED ON PAGE 04
SECTION VII  Spill and Leak Procedures

Steps to be taken if material is released or spilled:

Those involved in clean-up of spills should use respiratory protection for airborne dust. Vacuum or scoop up spilled material for recovery or disposal, avoiding dusting conditions and using good ventilation. Wetting the spill with a water spray may help to keep the airborne dust levels down.

Waste Disposal Method:

Talc is not considered to be a RCRA hazardous waste and may be disposed of in a site suitable for industrial wastes. Refer to any local, state or federal regulations for specific disposal information.

For transportation emergencies, call CHEMTREC, 24 hour information service, 1-800-424-9300.

SECTION VIII D.O.T. Shipping Information

Proper Shipping Name: NONE
Hazard Class: NONE
ID Number: NONE
Label Requirements: NONE
Reportable Quantity: NONE
Other Information:

SECTION IX  Additional Information

This information may be of importance to you:

HMIS RATING:
Health-1
Flammability-0
Reactivity-0
Personal Protection-E

SPECIAL PRECAUTIONS:

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

MANUFACTURER'S NAME:
Pfizer Inc.
HARCROS CHEMICALS INC
KANSAS CITY, KANSAS

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SECTION IX Additional Information
ADDRESS: 235 E. 42nd Street
New York, NY 10017

EMERGENCY TELEPHONE NUMBER:
406-683-4231

******* END OF REPORT *******

NAME: GENE TURNER
DATE ISSUED: 08/25/1986
DATE REVISED: 11/16/1989

< = LESS THAN
N/A = NOT APPLICABLE
N/D = NOT DETERMINED
N/E = NOT ESTABLISHED

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Harcros Chemicals Inc provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.

Harcros Chemicals Inc knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.