PRODUCT NAME: TALC MP 12-50
PRODUCT CODE: 21624

CAS #: 014807966

FORMULA: Mg3 H2 (Si03)4
CHEM. FAMILY: inorganic compounds
CHEMICAL NAME AND SYNONYMS:
Pfizer MP 60-30;
Talcron-Montana Talc;
MSDS 001108 DETAIL 00554
SUPPLIERS NAME: Harcros Chemicals Inc.
5200 Speaker Road
Kansas City KS 66106-1095
SUPPLIERS PHONE NUMBER : 913-321-3131
TRANSPORTATION EMERGENCY PHONE NUMBER : 1-800-424-9300

S.A.R.A. INFORMATION
HAZARDS : Chronic
PHYSICAL DATA : Mixture Solid

SECTION I HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>MAX</th>
<th>SARA</th>
<th>AIR CONIAMIEN T LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAX</td>
<td>SARA</td>
<td>TWA/TLV</td>
</tr>
<tr>
<td></td>
<td>W/W</td>
<td>312</td>
<td>313</td>
</tr>
<tr>
<td>Talc</td>
<td>UNK</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Hydrous Magnesium Silicate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(CAS # 14807-96-6)</td>
<td>3.0</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(CAS # 1344-28-1)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The ingredient below is listed as a Carcinogen by IARC NTP ACGIH

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>MAX</th>
<th>SARA</th>
<th>AIR CONIAMIEN T LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAX</td>
<td>SARA</td>
<td>TWA/TLV</td>
</tr>
<tr>
<td></td>
<td>W/W</td>
<td>312</td>
<td>313</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>1.0</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Quartz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(CAS # 14808-60-7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Continued On Page 2
SECTION I HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYES
Eye contact with product may cause mechanical irritation

SKIN
Skin contact may cause mechanical irritation

INHALATION
Inhalation may cause irritation
Prolonged or repeated overexposure by inhalation may cause irreversible damage

INGESTION
Ingestion may cause irritation

TARGET ORGANS
OVEREXPOSURE MAY CAUSE DAMAGE TO,
DISORDERS OF, OR ADVERSELY AFFECT THE FOLLOWING SYSTEMS, FUNCTIONS, ORGANS:
lungs

FIRST AID
FIRST AID EYES
Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN
Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION
Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

FIRST AID INGESTION
If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

OTHER INFORMATION
ROUTES OF ENTRY
eye contact skin contact skin absorption inhalation

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE
lungs

CARCINOGEN STATUS
This product contains ingredients which are listed as carcinogens. See Section I Hazardous Ingredients.

EXTRA INFORMATION
This product contains crystalline silica (CS) which is considered a hazard by inhalation. IARC has classified CS as a carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease.

SECTION III SPECIAL PROTECTION

Continued On Page 3
SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES
safety glasses with side shield goggles Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

PROTECTIVE EQUIPMENT SKIN
Clean body covering clothing impervious gloves

PROTECTIVE EQUIPMENT INHALATION
If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:
Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. Mechanical general ventilation is usually adequate.

ADDITIONAL PROTECTIVE MEASURES
Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A
Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HMIS Info
Health: 1
Fire: 0
React: 0
Special: X

EXTINGUISHING MEDIA
media appropriate for surrounding fire

FIRE FIGHTING PROCEDURES
Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing. Not considered a fire hazard.

UNUSUAL FIRE & EXPLOSION HAZARDS
Dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment.

SECTION V PHYSICAL DATA

Boiling Point: N/D
Freezing Point: N/D
Specific Gravity (H(2)O=1): 2.5000 to 2.8000 @ 68 deg. F
Vapor Pressure (MMHG): > OR = 0.000 @ 999 deg. F

Continued On Page 4
PRODUCT NAME: TALC MP 12-50
PRODUCT CODE: 21624
50# BAG

SECTION V PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Density (AIR=1):</td>
<td>N/D</td>
</tr>
<tr>
<td>Evaporation Rate (NA =1):</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>NIL</td>
</tr>
<tr>
<td>Percent Volatile by Volume:</td>
<td>N/D</td>
</tr>
<tr>
<td>pH: aqueous approx.</td>
<td>N/D</td>
</tr>
<tr>
<td>Appearance:</td>
<td>SOLID - POWDER, CRYSTAL, FLAKE, GRANULE TABLET, PRILL, BRIQUETTE, ETC.</td>
</tr>
<tr>
<td>Odor:</td>
<td>NIL</td>
</tr>
</tbody>
</table>

SECTION VI REACTIVITY DATA

STABILITY
Stable

INCOMPATABILITY
none currently known

HAZARDOUS DECOMPOSITION PRODUCTS
fumes of metal oxides

HAZARDOUS POLYMERIZATION
Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
In Case Of Spills: Contain and dispose of in accordance with Federal, State and local regulations. Sweep, shovel, or pick up and return to dry, clean container.

DISPOSAL METHOD
Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than federal or State.

SECTION VIII

Proper Shipping Name: UNCLASSIFIED

Label Requirements: NONE
Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Continued On Page 5
PRODUCT NAME: IALC MP 12-50
PRODUCT CODE: 21624

SECTION IX ADDITIONAL INFORMATION

Wear protective equipment when handling. Use only with adequate ventilation. Do Not breathe dust. Do Not get in eyes, on skin, or clothing. Wash thoroughly after handling.

HANDLING
For industrial use only. ATTNENTION: This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE
Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

NAME: GENE TURNER

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

DATE ISSUED: 930916
DATE REVISED: 970217
UNK = UNKNOWN

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.