MSDS - Material Safety Data Sheet

Product Name: KNACK

MSDS No.: 59

I. Basic Information:

Manufacturer: U.N.X. INCORPORATED
Address: 707 ARLINGTON BLVD.
City, ST Zip: GREENVILLE, NC 27858
Emergency Contact: CHEMTEL
Emergency Telephone Number: 800-255-3924
Contact: AMENDT; WILSON
Information Telephone Number: 252-756-8616

Last Update: 06/21/2002 Expiration Date: 

Chemical State: Solid
Chemical Type: Mixture

II. Ingredients:

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>% Range</th>
<th>EHS NTP</th>
<th>IARC SUB Z</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>10101890</td>
<td>Phosphoric acid, trisodium salt dodecahydrate</td>
<td>20-30</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TradeSecret</td>
<td>PSRN57948000-5006P</td>
<td>10-20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TradeSecret</td>
<td>PSRN57948000-5010P</td>
<td>40-50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7758294</td>
<td>Sodium tripolyphosphate</td>
<td>0-10</td>
<td></td>
<td></td>
<td></td>
<td>15mg/m3</td>
<td>10mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

III. Hazardous Identification:

Hazard Category:
- Acute
- Chronic
- Fire
- Pressure
- Reactive

Hazardous Identification Information:

IV. First Aid Measures:

Route(s) of Entry:
SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

Signs and Symptoms:
PRODUCT, EITHER DRY OR IN SOLUTION, IS AN IRRITANT TO TISSUE.
CONTACT WITH EYES CAN CAUSE DAMAGE.

Medical Conditions Generally Aggravated by Exposure:
MSDS - Material Safety Data Sheet

Product Name: KNACK

MSDS No.: 59

Emergency and First Aid Procedures:

FOR SKIN, FLUSH THOROUGHLY WITH WATER UNTIL "SLIPPERY" FEELING IS GONE. FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN. IF INGESTED, DRINK LARGE VOLUMES OF WATER. INDUCE VOMITING. CALL PHYSICIAN.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: N/A  Lower Explosive Limit: N/A  Upper Explosive Limit: N/A

F.P. Method: N/A

Fire Extinguishing Media: NON-FLAMMABLE/NON-COMBUSTIBLE

Special Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

Unusual Fire and Explosion:

AVOID CONTACT WITH ACIDS. STRONG DECOMPOSITION CAN RESULT.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN. FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. DISPOSE OF DOWN DRAIN AFTER APPROVAL OF APPROPRIATE AUTHORITIES. CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

VII. Handling and Storage:

Precautions to be Taken:

STORE IN DRY PLACE. DO NOT STORE WITH STRONG ACIDS. KEEP CONTAINER CLOSED.

Other Precautions:

AVOID MOISTURE

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

AVOID BREATHING DUST. IF EXPOSURE LIKELY, USE FILTER OR DUST TYPE RESPIRATOR. MECHANICAL VENTILATION IS ACCEPTABLE.

Personal Protective Equipment:
MSDS - Material Safety Data Sheet

Product Name: KNACK

MSDS No.: 59
RUBBER GLOVES SHOULD BE WORN.
SAFETY GOGGLES SHOULD BE WORN.
OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, HAVE AN ACID HAND WASH NEAR BY (i.e. VINEGAR SOLUTION.).
WORK HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

IX. Physical and Chemical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>EXCELLENT</td>
</tr>
<tr>
<td>Melting Point</td>
<td>851°F</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>WHITE GRANULAR POWDER, NO ODOR</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>EXCELLENT</td>
</tr>
<tr>
<td>Other Information</td>
<td>THIS PRODUCT CONTAINS PHOSPHATES FLATWARE PRESOAK</td>
</tr>
</tbody>
</table>

X. Stability and Reactivity:

Stability:
VERY STABLE

Incompatibility (Materials to Avoid):
EXCESS MOISTURE CAN CAUSE EXOTHERMIC REACTIONS.
AVOID CONTACT WITH ACIDS AND LAUNDRY COMPOUNDS.

Decomposition/By Products:
AVOID CONTACT WITH ACIDS AND LAUNDRY COMPOUNDS. STRONG DECOMPOSITION CAN RESULT.

Hazardous Polymerization:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

XI. Toxicological Information:

CONTACT U.N.X. INCORPORATED

XII. Ecological Information:

CONTACT U.N.X. INCORPORATED

XIII. Disposal Considerations:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN.
FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURIATIC OR PHOSPHORIC ACID SOLUTIONS. DISPOSE OF DOWN DRAIN AFTER APPROVAL OF APPROPRIATE AUTHORITIES.
CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

XIV. Transport Information:

NOT DOT REGULATED
MSDS - Material Safety Data Sheet

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MSDS No.: 59

XV. Regulatory Information:

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS. THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

XVI. Other Information: