**Basic Information:**

- **Manufacturer:** FABRICLEAN SUPPLY OF DALLAS LTD.
- **Address:** 502 2nd AVE.
- **City, ST Zip:** DALLAS, TX 75226
- **Country:**
- **Product Name:** TKO SOUR
- **MSDS No.:** 10722
- **Issue Date:** 07/20/2007
- **Supersedes Date:** 01/29/2002
- **Contact:** JO ANN SHERIDAN
- **Information Telephone Number:** 800-442-7021
- **Emergency Contact:** CHEMTEL
- **Emergency Telephone Number:** 800-255-3924
- **Emergency Restrictions:**

**II. Hazards Identification:**

**EMERGENCY OVERVIEW**

INHALATION, MAY CAUSE IRRITATION OF MUCUS MEMBRANES AND RESPIRATORY TRACT. SKIN, MAY CAUSE IRRITATION.

INGESTION, MAY BE FATAL IF LARGE AMOUNTS ARE INGESTED. MAY CAUSE ABDOMINAL PAIN, DIARRHEA, VOMITING, EXCESS SALIVATION, AND PAINFUL SPASMS OF THE LIMBS. EYES, MAY CAUSE IRRITATION.

**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

**Potential Health Effects**

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

**Health Hazards (Acute and Chronic):**

- EXPOSURE TO THE EYE: IRRITANT, CORNEA DAMAGE.
- INHALATION: PULMONARY IRRITATION AND UNDER EXTREME CONDITIONS CAN CAUSE DEATH.
- OVER EXPOSURE: EYE DAMAGE, LUNG DAMAGE.

**Signs and Symptoms:**

- INHALATION, MAY CAUSE IRRITATION OF MUCUS MEMBRANES AND RESPIRATORY TRACT. SKIN, MAY CAUSE IRRITATION.
- INGESTION, MAY BE FATAL IF LARGE AMOUNTS ARE INGESTED. MAY CAUSE ABDOMINAL PAIN, DIARRHEA, VOMITING, EXCESS SALIVATION, AND PAINFUL SPASMS OF THE LIMBS. EYES, MAY CAUSE IRRITATION.

**Medical Conditions Generally Aggravated by Exposure:**

NONE KNOWN

**Other Health Warnings:**

NONE

**Potential Environmental Effects**

NONE KNOWN

**III. Composition/Information on Ingredients:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>% Range</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSRN57948000-5010P</td>
<td>TradeSecret</td>
<td>70-80</td>
<td></td>
</tr>
<tr>
<td>Sodium bifluoride</td>
<td>1333831</td>
<td>0-5</td>
<td></td>
</tr>
<tr>
<td>Sodium silicofluoride</td>
<td>16893859</td>
<td>10-20</td>
<td></td>
</tr>
</tbody>
</table>

**IV. First Aid Measures:**

- **Emergency and First Aid Procedures:**
  - EYES: IMMEDIATELY FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES, CONTACT PHYSICIAN.
  - SKIN: WASH OFF WITH LARGE AMOUNTS OF WATER AND SEEK MEDICAL ATTENTION IF IRRITATION OR CHEMICAL BURNS DEVELOP.
  - INHALATION: REMOVE TO FRESH AIR, CALL PHYSICIAN.
  - INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY! GIVE LARGE VOLUMES OF WATER. DO NOT INDUCE VOMITING UNLESS ADVISED BY LICENSED MEDICAL PERSONNEL. ADVISE MEDICAL PERSONNEL OF POSSIBLE FLUORIDE EXPOSURE.
Note to Physicians:
EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. DO NOT INDUCE VOMITING. SEE ABOVE.

V. Fire Fighting Measures:

Suitable Extinguishing Media:
DRY CHEMICAL, WATERFOG, CO2, FOAM

Unsuitable Extinguishing Media:
NONE KNOWN

Products of Combustion:
PRODUCES HIGHLY TOXIC FUMES.

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

VI. Accidental Release Measures:

Personal Precautions:
RUBBER GLOVES SHOULD BE WORN. SAFETY GOGGLES SHOULD BE WORN.

Environmental Precautions:
NONE KNOWN

Methods for Containment:
DIKE; APPROVED PLASTIC CONTAINERS

Methods for Cleanup:
FOR SMALL SPILLS, MATERIAL SHOULD BE DILUTED WITH WATER AND DISPOSED TO SEWER. FOR LARGE SPILLS, SWEEP MATERIAL INTO NEW CONTAINERS.

Other Information:
Not Available

VII. Handling and Storage:

Handling Precautions:
KEEP CONTAINER CLOSED. DO NOT MIX WITH DRY BLEACH IN WASHWHEEL SUPPLY DISPENSER.

Storage Precautions:
STORE IN A COOL, DRY, WELL VENTILATED AREA. DO NOT STORE NEAR HAZARDOUS MATERIALS.

VIII. Exposure Controls/Personal Protection:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium silicofluoride</td>
<td>2.5mg/m3</td>
<td>2.5mg/m3</td>
<td>Not Available</td>
</tr>
<tr>
<td>PSRN57948000-5010P</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Sodium bifluoride</td>
<td>Not Available</td>
<td>2.5mg/m3</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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

Personal Protective Equipment:
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, WEAR PROTECTIVE GLOVES AND HAVE A HAND WASH AREA NEAR BY (ie. SOAP SOLUTION.). WORK/HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.
MSDS - Material Safety Data Sheet

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>Boiling Range</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>GOOD AT SUGGESTED CONCENTRATIONS</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>pH Range</td>
<td>Not Available</td>
</tr>
<tr>
<td>Decomposition Temp</td>
<td>260°F</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>-</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>-</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>WHITE POWDER, NO ODOR</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Auto-Ignition Temp</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>-</td>
</tr>
<tr>
<td>Other Information</td>
<td>THIS PRODUCT CONTAINS NO PHOSPHATES.</td>
</tr>
</tbody>
</table>

X. Stability and Reactivity:

Stability:
STABLE

Conditions to Avoid:
AVOID WHEN HEATED TO HIGH TEMPERATURES, PRODUCES HIGHLY TOXIC FUMES. AVOID CONTACT WITH BLEACHES AND ORGANIC COMBUSTIBLE AGENTS.

Incompatible Materials:
OXIDIZABLE OR COMBUSTIBLE ORGANIC MATERIALS, STRONG OXIDIZERS, BLEACHES, ACIDS, ALKALI.

Hazardous Decomposition Products:
HYDROGEN FLUORIDE, AND SODIUM FLUORIDE @ 260°F SILICON TETRAFLUORIDE

Possibility of Hazardous Reactions:
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 SMALL SPILLS, MATERIAL SHOULD BE DILUTED WITH WATER AND DISPOSED TO SEWER. FOR LARGE SPILLS, SWEEP MATERIAL INTO NEW CONTAINERS. DO NOT PUT CONTAMINATED MATERIAL WITH CLEAN MATERIAL. ASK LOCAL AUTHORITIES ABOUT WASTE DISPOSAL.

XIV. Transport Information:

Shipping Name: N/A

DOT Hazard Class: Not Available

UN/NA#: Not Available

DOT Subsidiary Hazard Class: Not Available

Packing Group: Not Available

Transportation Information:
NOT DOT REGULATED
LABEL: POISON CONTAINS FLUORIDE COMPOUNDS!
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:

Chemical State: [ ] Liquid [ ] Gas [X] Solid
Chemical Type: [ ] Pure [X] Mixture

Hazard Category:
[ ] Acute [X] Chronic
[X] Pressure [ ] Fire [ ] Reactive

Additional Manufacturer Warnings: Not Available

Additional Product Information:
THIS PRODUCT IS PROVIDED BY:
U.N.X. INCORPORATED
GREENVILLE, N.C.