1.0 IDENTIFICATION /

1.1 Product Name: LIQUID OPTIMUM PH

1.2 Product Type: Aqueous Laundry Sour

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "++"

2.0 HAZARDOUS COMPONENTS /

<table>
<thead>
<tr>
<th>%</th>
<th>PEL</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1 Hydrofluosilicic Acid 16961-83-4</td>
<td>2.5</td>
<td>None</td>
</tr>
</tbody>
</table>

*(as fluoride; ACGIH TWA for HF)*

UNK = Unknown at this time
STEL = 15 Minute Average

PEL = OSHA 8 Hour Average
C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

3.1 Appearance: Magenta liquid
3.2 Solubility in Water: Complete
3.3 pH: 2.755 - 3.045 (100%)
3.4 Initial Boiling Point: >212 deg F
3.5 Specific Gravity: 1.0739 - 1.1869

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: Will attack some metals and release flammable hydrogen. This can be dissipated with adequate venting.
4.2 Fire Fighting Methods: Heat produces corrosive vapors of hydrogen fluoride and silicon tetrafluoride. Cool containers with water spray if exposed to fire. Product itself does not support combustion.

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.
5.2 Conditions to Avoid: Do not heat solutions, because heat causes toxic vapors (see Line 4.2). Only add product to water; never water to product. Mix only with water. Can react violently with alkaline material or metals. Do not mix with chlorinated detergents or sanitizers - will cause hazardous vapors.

6.0 SPILL OR LEAK PROCEDURES /

USE PROPER PROTECTIVE EQUIPMENT

https://www.myecolab.com/webassets/include/CW_Show_MSDS.asp?FORMULA_CODE=90724... 12/17/07
6.1 Cleanup: Rinse small amounts to drain where possible. Dike or dam large spills; pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer; rinse area thoroughly.

6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste. Unused product as a waste is Corrosive (D002) by RCRA criteria.

7.0 HEALTH HAZARD DATA / DANGER

7.1 Effects of Overexposure to Concentrate:
Skin and Eyes: CAUSES SEVERE CHEMICAL BURNS. Eye contact may cause blindness. Harmful contact may not cause immediate pain. ++ Immediate water flushing is vital in case of eye contact. ++ If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth, throat and stomach. 
If Inhaled: Damages airways and lungs, depending upon amount and duration of exposure. Effects can vary from slight irritation to bronchitis or pneumonia. People with asthma or other lung problems may be more affected.

7.2 This product does not contain any substance found on the IARC, OSHA or NTP carcinogen lists.

8.0 FIRST AID /

Note: Treat as a case of hydrogen fluoride (HF) exposure.

8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. CALL A PHYSICIAN IMMEDIATELY.

8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

8.4 If Inhaled: Immediately move to fresh air. IMMEDIATELY CALL A POISON CONTROL CENTER, A PHYSICIAN OR THE ECOLAB 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026)

9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:
Respiratory: Avoid breathing mists or vapors of this product.

https://www.myecolab.com/webassets/include/CW_Show_MSDS.asp?FORMULA_CODE=90724... 12/17/07
Eyes: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Skin: Rubber gloves - protective cuff or gauntlet type preferred.

Wash well, including under finger nails, after handling product.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS

10.1 Store in a cool, dry place.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.