1.1 Product Name: TURBO PLEX NP
1.2 Product Type: Commercial Liquid Laundry Sour

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

2.0 HAZARDOUS COMPONENTS / (mg/m3)

2.1 Hydrofluosilicic Acid 16961-83-4 15-25 No *

*(OSHA limits for Hydrogen Fluoride: TWA = 3 ppm )

STEL = 15 Minute Average PEL = OSHA 8 Hour Average in Air
TWA = ACGIH 8 Hour Average C = Ceiling Limit in Air; Do Not Exceed

3.0 PHYSICAL DATA /

3.1 Appearance: Clear liquid; strong irritating odor.
3.2 Solubility in Water: Mixes with water in all proportions.
3.3 pH: 1.0 - 2.0 (100%)
3.4 Initial Boiling Point: >212 deg F
3.5 Specific Gravity: 1.20 - 1.25

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 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. Reacts with metals; reacts vigorously with alkaline chemicals. Do not mix with chlorinatedSpezeenents 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=916833-0... 2/7/08
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/local authorities for limits on
chemical waste disposal. Unused product is RCRA Corrosive (D002).

7.0 HEALTH HAZARD DATA

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 vary from irritation to bronchitis
or pneumonia. People with lung problems may be more affected.

8.0 FIRST AID

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

8.1 Eyes: Flush at once with cool running water. Remove contact
lenses. Continue flushing for at least 15 minutes, holding eyelids
apart so as to rinse 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;
discard or wash well before reuse.

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

8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER OR A PHYSICIAN

9.0 PROTECTIVE MEASURES

9.1 CONCENTRATE:
Respiratory: Avoid breathing mists or vapors of this product.
Eyes: Use chemical splash goggles. For continued or severe
exposure wear a face shield over the goggles.
Skin: Use industrial rubber gloves, other protection as necessary
to avoid skin contact. Wash well, including under finger nails,
after handling product.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Store in a cool, dry place.
10.2 Purpose of 05/13/97 issue: Editorial update

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.