MATERIAL SAFETY DATA SHEET
Substantially Similar to Form OMB No.174

PRODUCT NAME: HFS SOUR
EMERGENCY PHONE #: 1-800-535-5053
DATE PREPARED: 01/04/96

HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>C.A.S. #</th>
<th>OSHA PEL/TLV</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>OTHER LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrofluorosilicic</td>
<td>16961-83-4</td>
<td>2.5 mg/m³</td>
<td>2.5 mg/m³</td>
<td>N/A</td>
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</tbody>
</table>

MANUFACTURER: Seatex Corporation
6325 Hurst Street
Houston, TX 77008

OTHER LIMITS

ACGIH TLV 2.5 mg/m³
OSHA PEL/TLV 2.5 mg/m³

SPECIFIC GRAVITY - 1.175
PHYSICAL DESCRIPTION: Water white (clear) mobile liquid

FLAMMABLE LIMITS: LEL - N/A UEL - N/A
EXTINGUISHING MEDIA: Dry chemical, water mist, alcohol foam.

SPECIAL FIRE FIGHTING PROCEDURE: Firefighters should wear a self-contained breathing apparatus as in all chemical fires. Containers may explode from heat of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable hydrogen generated when acid in contact with some metals.

UNSTABLE - STABLE - X
HAZARDOUS DECOMPOSITION PRODUCTS: Silicon tetrafluoride, hydrogen fluoride, and hydrogen gas.
CONDITIONS TO AVOID: Temperatures above 150 °C.
MATERIALS TO AVOID: Silver and silver compounds, oxidizing agents, aluminum, and zinc.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

POSSIBLE ROUTES OF ENTRY: INHALATION - YES INGESTION - YES SKIN - YES
ACUTE HEALTH HAZARD: Burns to skin and mucous membranes.
CHRONIC HEALTH HAZARD: See symptoms of exposure.
CARCINOGENICITY: NTP - NO IARC MONOGRAPHS - NO OSHA REGULATED - NO

SYMPTOMS OF EXPOSURE

EYE - Irritation damage with long exposure, can cause burns and ulcers on eyes
SKIN - Exposure to low concentrations may not cause irritation symptoms for several hours. High concentrations cause severe irritation and damage to tissue.
INHALATION - Irritation and/or injury to lung and tracheal tissue. Can cause perforation of nasal septum. Chronic exposure can cause congestion of nose, throat, and bronchial tubes.
INGESTION - Irritation and/or injury to stomach and esophageal tissue, causing nausea, vomiting, diarrhea, and abdominal pain. Poison - Can cause death. Can cause severe bone changes and dental defects due to inorganic fluorides, with chronic overexposure.
CONDITIONS AGGRAVATED BY EXPOSURE - Pre-existing respiratory disease including asthma and emphysema.
FIRST AID

EYES: Irrigate eyes with water for at least a 15 minute period, lifting upper and lower lids frequently. Refer to a physician.

SKIN: While standing under running water, remove all contaminated clothing, laundering before re-use, contaminated shoes should be discarded. Very thorough washing; including under fingernails, is required, as the acid is difficult to wash off, and delayed in action.

INHALATION: Remove to fresh air - rescuers should be properly protected by respirator and rain wear. Keep victim warm, quiet and preferably lying flat. Give artificial respiration if breathing has stopped, administer oxygen if available, keep breathing passages open. Call a physician.

INGESTION: DO NOT induce vomiting, dilute stomach contents with 3-4 glasses of water, 3-4 glasses milk, and table salt in warm water (one tablespoon to a glass of warm water). If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Call a physician.

SPILL SAFETY:

DISPOSAL INFORMATION: Neutralization as above will produce alkali hexafluorosilicate. Dispose in approved disposal facility after consultation with local, state and federal pollution control authorities.

STORAGE AND HANDLING

PERSONAL HYGIENE

RESPIRATORY PROTECTION - None - required below TLV/PEL

TYPE -

VENTILATION

GENERAL MECHANICAL - X

LOCAL - X

SPECIAL - None required

PROTECTIVE EQUIPMENT REQUIRED

RUBBER GLOVES - X

RUBBER APRON - X

RUBBER BOOTS

CHEMICAL SPLASH GOGGLES - X

FACE SHIELD -

SHIPPING INFORMATION

DOT LABEL: REQUIRED -

CORROSIVE - X

OXIDIZER -

POISON -

FLAMMABLE -

N/A = NOT APPLICABLE  N/K = NOT KNOWN  N/D = NOT DETERMINED

CREATED BY DT