

Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

**SAFETY DATA SHEET****SECTION 1 - IDENTIFICATION****Product Identifier:** SAFE ACID NHF**Product Code:** 980**Chemical Family:** Low pH organic acid

**Enviro Tech Chemical Services, Inc.**  
 500 Winmoore Way Modesto, CA 95358  
 (209) 581-9576 (7 AM to 5 PM, PST, Monday to Friday)

**24 Hr. Emergency Tel.#:** 800-424-9300**SECTION 2 - HAZARDS IDENTIFICATION****Hazard Statements:**

May cause skin irritation  
 May cause eye irritation  
 May be harmful if swallowed

**Precautionary Statements:**

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Do not eat, drink or smoke when using this product.  
 Wear gloves and eye protection.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	CAS Number	Concentration
PROPRIETARY/ TRADE SECRET	-	41-43%

**SECTION 4 - FIRST-AID MEASURES****Inhalation:** Get medical advice/attention if you feel unwell or are concerned.**Skin Contact:** Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.**Most Important Delayed Symptoms and Effects:** Contact with skin/eyes may cause irritation with greater exposures.**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically**SECTION 5 - FIRE-FIGHTING MEASURES****Extinguishing Media:** Material is not flammable. Use extinguisher media appropriate for material in surrounding fire.**Special hazards arising from the substance or mixture:** Non combustible. May give off irritating or toxic fumes (or gases) in a fire.**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable**Hazardous Combustion Products:** Non combustible**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.**SECTION 6 - ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:** Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.**Methods and materials for containment and cleaning up:** SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.**Special spill response procedures:** Collect spills in plastic containers only. Prevent from entering sewers, waterways, or low areas.

## SAFETY DATA SHEET

### SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

**Conditions for Safe Storage:** Store in a cool, dry, well ventilated place away from direct sunlight. Keep container closed when not in use.

**Incompatible Materials:** Oxidizing agents and strong bases. Avoid contact with aluminum and zinc.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation and engineering measures:** Forced air, local exhaust, or open air is adequate.

**Respiratory Protection:** No additional respiratory protection needed.

**Skin Protection:** Wear gloves when handling.

**Eye/Face Protection:** Wear chemical goggles; also wear a face shield if splashing hazard exists.

**Other Protective Equipment:** Eye wash facility and emergency shower should be in close proximity.

**General Hygiene Conditions:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pale yellow to colorless clear liquid

**Odor:** Odorless

**pH:** 4.5-5.5

**Melting/Freezing point:** No information available.

**Initial boiling point and boiling range:** No information available.

**Flammability (solid, gas):** Non flammable.

**Specific Gravity:** 1.12 g/mL

**Solubility in Water:** Complete

**Decomposition temperature:** No information available.

**Viscosity:** 5-15 cSt at 20°C / 68°F

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Strong bases/acids/oxidizing agents

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** May react with incompatible materials

**Conditions to Avoid:** Decomposes in presence of fire heat.

**Incompatible Materials:** Oxidizing agents and strong bases. Avoid contact with aluminum and zinc surfaces.

**Hazardous Decomposition Products:** None known

### SECTION 11 - TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**

Routes of entry - inhalation: NO

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

**Potential Health Effects:**

**Signs and symptoms of short term (acute) exposure:**

**Inhalation:** Not a respiratory irritant.

**Ingestion:** May cause nausea, vomiting, abdominal pain, gastrointestinal tract burns, gastrointestinal upset and/or diarrhea.

**Skin:** May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

**Eye:** May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

**Potential Chronic Health Effects:**

**Mutagenicity:** No known effects in humans or animals

**Carcinogenicity:** Not considered a tumorigenic or a carcinogen in humans or animals

Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

## SAFETY DATA SHEET

**Reproductive effects:** No known effect in humans or animals

**Sensitization to material:** Not known as a sensitizer in humans or animals.

**Specific target organ effects:** No information available

**Medical conditions aggravated by overexposure:** Prolonged exposure may cause dermatitis & dental erosion.

**Toxicological data:** The calculated ATE values for this mixture are:

ATE oral = 1597 mg/kg

ATE dermal = No information available.

ATE inhalation = No information available.

### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** May be harmful to aquatic environment.

**Persistence and degradability:** Not expected to persist. Readily biodegradable.

**Bioaccumulation potential:** Will not bioaccumulate.

**Mobility in soil:** Water soluble and readily mobile in soil.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

**Method of disposal:** Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** Not a listed RCRA hazardous waste.

### SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

**US 49 CFR/DOT/IATA/IMDG Information:** Non hazardous material

**Environmental hazards:** Not a Marine Pollutant

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

**TSCA information:** All components are listed on the TSCA inventory.

**US CERCLA Reportable quantity (RQ):** Non regulated material.

**SARA Title III:** No chemicals in this product are subject to SARA Title III reporting.

### SECTION 16 - OTHER INFORMATION

**Legend:**

**SARA:** The Superfund Amendments and Reauthorization Act

**RCRA:** Resource Conservation and Recovery Act

**TSCA:** Toxic Substances Control Act

**CFR:** Code of Federal Regulations

**DOT:** Department of Transportation

**ATE:** Acute Toxicity Estimate

**Preparation date:** 5/7/2014