

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**Product Use:** Oil and gas uses

**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****Classification of the Substance or Mixture:**

Skin Corrosion - Category 1C

Serious Eye Damage - Category 1

**Hazard Statements:**

Causes severe skin burns and eye damage

Causes serious eye damage

**Precautionary Statements:****Prevention**

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

**Response****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.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

For specific treatment see Section 4 First Aid.

**Storage**

Store locked up.

**Disposal**

Dispose of contents/container in accordance with local regulations.

**Hazards not Otherwise Classified:**

Do not store product in any kind of glass container, product is corrosive to glass and silicates.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

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

**SECTION 4 - FIRST-AID MEASURES****Inhalation:** Get medical advice/attention if you feel unwell or are concerned.**Skin Contact:** Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Wash contaminated clothing before re-use or discard.**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 30 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. Immediately call a POISON CENTER/doctor.

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**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 Symptoms and Effects, both Acute and Delayed:** Contact with skin/eyes can cause irritation or severe burns and scarring with greater exposures. Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

**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.

## 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, zinc, glass, and fiberglass.

## 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, zinc, glass, and fiberglass surfaces.

**Hazardous Decomposition Products:** None known

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## 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:** May cause irritation to respiratory system.

**Ingestion:** May cause irritation to digestive system

**Skin:** Corrosive! Contact with skin causes irritation or severe burns and scarring with greater exposures.

**Eye:** Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

### Potential Chronic Health Effects:

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

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

**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 = No information available.

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:**

UN No.: 3265

UN Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s. (containing amines)

Transportation hazard class(es): 8

Packing Group: II

Environmental hazards: Not a Marine Pollutant

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## 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: 4/26/2017