



SAFE ACID NHF

TECHNICAL DATA

PRODUCT

A safe yet highly effective alternative to ammonium bifluoride (ABF) or hydrofluoric acid (HF) generating products. It is primarily used to create customized MUD acid blends.

APPLICATIONS

Safe Acid NHF is a safer alternative to typical ABF or hydrofluoric acid generating products used in well treatment applications. Safe Acid NHF is less corrosive to metals than typical ABF or HF blends. Safe Acid NHF is safe to mix with Safe Acid O&G and most other HCl based products. Use dilutions of Safe Acid NHF will vary depending on application. Contact your Enviro Tech Sales Representative for dilution and dosage instructions.

PROPERTIES

Safe Acid NHF is a concentrated well treatment intermediary primarily used in the oil and gas field for creating MUD formulations. Contains iron control agents and demulsifiers.

CHEMICAL COMPOSITION

Proprietary/Trade Secret

<u>Active Ingredient (% wt.)</u>	<u>41-43%</u>
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PHYSICAL PROPERTIES

<u>Density 20°C (68°F), (g/ml)</u>	<u>1.12</u>
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<u>pH, 20°C (68 °F)</u>	<u>4-6</u>
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<u>Flash Point</u>	<u>None</u>
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<u>Freezing Point</u>	<u>0° C (32° F)</u>
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<u>Solubility in water</u>	<u>100%</u>
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<u>Odor</u>	<u>None</u>
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APPEARANCE

Clear,faint yellow liquid

STORAGE

Keep container closed when not using. Store in dry areas in ambient temperatures.

SHELF LIFE

At least 1 year

PACKAGING

265 gal (2478 lb), 320 gal (2986 lb) and Bulk
Available in HDPE plastic pails, drums and totes.

TRANSPORT (DOT)

UN3265, Corrosive liquid, acidic, organic, n.o.s. (containing amines), 8, PGII

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