

Technical Data Sheet

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 and does not cause irritation to skin. 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	
	Active Ingredient (% wt.)	41-43%
Physical Properties	Density 20°C (68°F), (g/ml)	1.12
	pH, 20°C (68 °F)	4-6
	Flash Point	None
	Freezing Point	< -32° C (< -25° F)
	Solubility in water	100%
	Odor	None
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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