

Technical Data Sheet

Product	A safe yet highly effective alternative to traditional HCl/HF blends used for dissolving drilling muds (bentonite) as well as for dissolving silicate materials such as cement, feldspars and shales.	
Applications	<p>Safe Acid MUD 12-3 is a safe alternative to HCl/hydrofluoric acid for use in the treatment of sandstone formations. Safe Acid MUD 12-3 is less corrosive to metals than typical HCl/HF blends and does not cause irritation to skin. This specialized blend of corrosion inhibitors, surfactants, and environmentally friendly additives is non-regulated by the US DOT and Canadian TDG. Additionally, Safe Acid MUD 12-3:</p> <ul style="list-style-type: none"> • May be used in well treatment applications and other applications where silicate and clay buildups may be present • Reduces need for inhibitor additives to protect well casings • Requires no special handling • Odorless formulation • Biodegrades within 10 days • Safe to use on most metals with superior compatibility profile 	
Properties	Safe Acid MUD 12-3 is a well treatment formulation that also contains iron control agents and demulsifiers.	
Chemical Composition	Proprietary/Trade Secret	
	Refractive Index (% wt.)	34-36%
Physical Properties	Density 20°C (68°F), (g/ml)	1.13
	pH, 20°C (68°F)	<1
	Flash Point	None
	Freezing Point	< -32°C (< -25°F)
	Solubility in water	100%
	Odor	None
Appearance	Yellow liquid	
Storage	Keep container closed when not using. Store in dry areas with ambient temperatures.	
Packaging	265 gal (2491 lb), 320 gal (3017 lb) and Bulk Available in HDPE plastic pails, drums and totes.	
Transport (DOT)	Non-regulated by the US DOT or Canadian TDG	

Manufactured By: ENVIRO TECH CHEMICAL SERVICES, INC.
500 Winmoore Way, Modesto, CA 95358 (209) 581-9576

All information and statements contained herein are believed to be accurate at the time of publication, but Enviro Tech Chemical Services, Inc. makes no warranty with respect thereto, including but not limited to any results to be obtained or the infringement of any proprietary rights. Use or application of such information or statements is at user's sole discretion, without any liability on the part of Enviro Tech. Nothing herein shall be construed as a license of or recommendation for use which infringes upon any proprietary rights. Use of this product shall be the sole responsibility of user, and Enviro Tech shall not be liable in any way for said use, other than reimbursement for the actual cost of product.