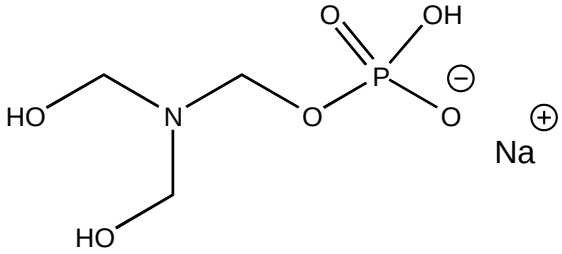
Masurf® TEA-SI



Phosphate Ester Scale Inhibitor

Overview

MASURF TEA-SI is a Triethanolamine phosphate ester Scale Inhibitor, made from a reaction between triethanolamine and polyphosphoric acid, partially neutralized with sodium hydroxide.

MASURF TEA-SI is used to impart corrosion and scale inhibition properties to water recirculating systems such as air conditioning cooling towers, secondary oil recovery operations, boiler equipment, and other water treatment applications where scale build-up can be a problem.

Also available as an 80% active free acid version TEA-SI (Acid).

Typical Properties

	TEA-SI	TEA-SI (Acid)
Classification	Aqueous surfactant solution	
Charge	Anionic	
Acid Number pH 5.5 (mgKOH/g)		268
Acid Number pH 9.8 (mgKOH/g)		578
Moisture	38±2 %	20±2 %
Physical form	Water white to pale yellow liquid	
Color, Gardner	5 Maximum	
Specific gravity (25°C)	1.3±0.1	
Viscosity (25°C)	<500cps (Brookfield)	
pH	4.5±1.0	2.0±1.0
Boiling Point	212°F(100°C)	
Flash point	>212°F(100°C)	>212°F(100°C)

Handling Information

Refer to the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

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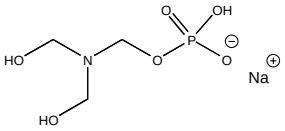

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