



SierraCor ATQ-100

OVERVIEW: SierraCor ATQ 100 is a high ring closure imidazoline that is quaternized with diethyl sulfate. ATQ 100 is used extensively as a corrosion inhibitor, and corrosion inhibitor additive. It is also used as a cationic emulsifier in a number of applications because of its strong positive charge. As a corrosion inhibitor, the ATQ 100 positively charges the treating liquid, which typically gives it attraction to metal surfaces. Depending on the formulation and other additives, the ATQ 100 will provide both attraction and film formation. This film is generally persistent and gives corrosion resistance. As a cationic emulsifier ATQ 100 offers a strong charge. ATQ 100 is often used in conjunction with other emulsifiers. In applications such as rinse aids for auto wash, ATQ 100 provides substantivity to metal surfaces and helps deliver active ingredients onto the auto surface. SierraCor ATQ 100 is a thick material requiring agitation for dispersion into cold water. The best results for dilution are by using vigorous agitation and warm water.

CHEMICAL NAME: Imidazoline, Quaternized with Diethyl Sulfate diluted with Methanol

FUNCTIONS: Corrosion Inhibitor

SPECIFICATIONS:

Appearance:	Dark Amber
5% pH:	Liquid 5.0-7.0
Total Amine Value:	0-25
% Solids:	78-82
20% Solubility:	Soluble

MARKET APPLICATIONS:

- Oil & Gas: Corrosion Inhibitor, in drilling muds

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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