



SierraQuat go

OVERVIEW: SierraQuat go is an imidazoline, Diethyl Sulfate Quat that is 90% active. It is a highly reacted material with a very high closure and a minimum of unreacted material. SierraQuat go is a formulation additive for tissue manufacturing offering excellent softness, good release to prevent sticking & tearing of tissue, and very low yellowing. It has a long and successful history of use in the paper industry with consistently good performance in a variety of products. Because SierraQuat go has a strong cationic charge, it has also been used successfully as a primary emulsifier in car wash rinse aids where mineral oil is delivered to the auto surface to shed water. Likewise, it is used to offer charge to carnauba waxes. SierraQuat go can be used as an emulsifier and cationic surfactant in a variety of formulations for cleaners.

CHEMICAL NAME: Quaternized Oleic Imidazoline Amide

FUNCTIONS: Softener, Release Aid, Emulsifier

SPECIFICATIONS:

Appearance:	Clear Amber Liquid
% Imidazoline Ring:	80-100
1% pH:	6.5 to 8.5 Translucent
1% Emulsion:	Emulsion 4-10
Gardner Color:	500 to 1000 cps
Viscosity @ 25C:	0.00-0.10
%DES:	

MARKET APPLICATIONS:

- Pulp and Paper – Softener, release aid in paper and tissue manufacturing
- HI&I – Emulsifier in Automotive cleaners, car wash rinse aids

SPECIAL NOTE: SierraQuat go is compatible with most cationic and nonionic formulation additives. Because of the high concentration, adequate mixing is ideal when adding to a mix. Best results are using a pre-dilution in warm water, but this is dependent on mix system, temperature, final viscosity, and other variables. As a tissue release aid, 1 to 4% is a typical range of addition. - As a rinse aid with mineral oil, addition of a nonionic surfactant (like NP-10) and possibly a glycol ether will improve the clarity of the final product. The need for and selection of formulation additives will depend on the specific oil and concentration.

SEE SDS FOR STORAGE, HANDLING AND IN CASE OF SPILLS

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