BURCOQUAT® TS-15

Diethyl Sulfate Quat

BENEFITS AND FEATURES

- Adds detergency, hydrotroping, and antistatic properties to detergents, cleaners, softeners, and similar formulations
- Exhibits excellent solubility and compatibility in acid and alkaline formulations including anionic surfactants
- Produces dense, stable foam
- Provides corrosion inhibition in muriatic, hydrofluoric, and sulfuric acids on mild steel (not suitable for use with nitric acid)
- Does not contain corrosive chloride quats
- Alkyl phenol ethoxylate (APE) free
- Higher in charge density and lower in cold water solubility than Burcoquat TS-20

TYPICAL APPLICATIONS

- I&I: all purpose cleaners and degreasers, acidic toilet bowl cleaners, vinyl and aluminum siding cleaners, chrome plating baths (creates a foam blanket)
- Transportation: truck washes, aluminum and stainless steel cleaners and brighteners, aluminum and fiberglass boat cleaners, canvas and vinyl cleaners
- Packaging: plastic dust and dirt repellents, carpet, fiberglass, and packing peanut antistat treatments

TYPICAL PROPERTIES

Appearance at 25°C	Reddish to amber brown liquid
pH (1% aqueous)	5.5
Specific Gravity	1.07
Activity, %	98
Cloud Point, °C	>100
Viscosity, cP at 25°C	750
Density, lbs/gallon	8.92

FORMULATION GUIDELINES

▪ Burcoquat TS-15 is compatible with cationic and nonionic surfactants. The product is not compatible with anionic surfactants.

▪ Burcoquat TS-15 can be used in both acidic and basic environments. However, effectiveness of the product rapidly diminishes above a pH of 11.5.

▪ When Burcoquat TS-15 is added to water, a gel forms. To break the gel, heat to 60°C.

▪ The use of solvents such as glycols, butyl ethers, and d-limonene as part of the formulation is possible.

▪ To increase the amount of foam generated, surfactants such as Burcoterge C2P-39 (amphoteric) or Burco COPB-35 (betaine) can be added to the formulation.

AVAILABILITY

Burcoquat TS-15 is available in 53-gallon, open-head, poly drums (450 lbs), in totes, and in bulk.

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12/09
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