

INFORMATION

OIL AID-CI-501

DISTILLATION COLUMN CORROSION INHIBITOR

DESCRIPTION

OIL AID-CI-501 is an oil soluble filming nitrogen condensate inhibitor designed to reduce corrosion from hydrogen chloride salts in distillation column systems. Its typical properties are as follows.

Form	Transparent Liquid
Specific Gravity	Approx. 0.970 at 60 °F
Flash Point	Approx. 115 °C
Pour Point	- 15 to -25 °C
Solubility	Oil Soluble

APPLICATION

OIL AID-CI-501 protects against corrosion caused by hydrogen chloride salts in distillation columns. Severe corrosion is possible in this type of system due to the low pH of the initial condensate (usually 1 to 2). OIL AID-CI-501 is normally run through a positive displacement chemical pump. It should be continuously injected into the system ahead of any existing areas where potential corrosion is a problem. The dosage of OIL AID-CI-501 necessary for each application will depend on the acid content of the particular system being treated, and whether any other inhibitors are also being employed. It is highly recommended that a total corrosion monitoring system be initiated, but a typical dosage of 3 to 5 ppm will normally alleviate any problems encountered.

HANDLING

Due to hydrocarbon solvents present, prolonged skin contact may cause irritation, and should always be avoided. If contact with eyes or skin occurs, wash thoroughly with water for 15 minutes and seek medical attention. Remove contaminated clothing. Wear goggles, gloves, and an apron when handling OIL AID-CI-501.

PACKAGING

OIL AID-CI-501 is supplied in lined 55 gal steel drums, but may be supplied in weight required by the customer.

OIL AID-CI-501 is a Messina trademark