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## **PRODUCT DESCRIPTION**

CID-1A is a corrosion inhibitor formulated for use in water based drilling mud systems. CID-1A is an ethoxylated polyphosphate ester with excellent solubility in fresh water and brines.

## **RECOMMENDED APPLICATION**

Typical application of CID-1A is 0.2 to 0.8 ppb of fluid.

Residual testing should be performed to ensure the appropriate amount of inhibitor is being used.

## **COMPATIBILITY**

CID-1A is anionic. It is compatible with other anionic and nonionic additives. Caution should be exercised when used with cationic materials. If it is necessary to use with a cationic additive a compatibility test is recommended.

## **TYPICAL PHYSICAL PROPERTIES**

Form:	Liquid
Chemical Family:	Organo Phosphorous
Color:	Clear, colorless
Solubility:	Water and brine
Odor:	Mild fatty Odor
Wt. per Gal.:	8.30 lbs.
Charge:	Nonionic/weakly anionic
Flash Point:	92 <sup>0</sup> F (33.3°C)

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## **HANDLING/STORAGE**

CID-1A is a flammable liquid. Store away from heat, sparks and open flame. Keep container tightly sealed when not in use. Avoid contact with strong alkali. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear rubber gloves, apron, and chemical splash goggles. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

## **PACKAGING**

CID-1A is available in 5 gallon container, 55 gallon drums and 330 gallon tote tanks.