

K-PURE™ CDI-4308
Surface Active Material
Corrosion Inhibitor



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K-PURE CDI-4308 is a 100% active organic liquid additive based on a proprietary heterocyclic amine derivative. CDI-4308 has an affinity for soft metals, which can result in corrosion prevention, adhesion promotion and lubrication. CDI-4308 is designed for solvent based and solventless systems.

ADVANTAGES: Low viscosity ionic solution
Broad range of compatibility with solvents, resins and water
Corrosion control of ferrous and soft metals
Solventless liquid

TYPICAL PROPERTIES:	Appearance	Clear Amber liquid
	% Active	100
	Weight per gallon, 25°C	7.9
	Viscosity, 40°C, cSt	78

APPLICATIONS: K-PURE CDI-4308 is recommended for lubrication and corrosion control in solvent based or solventless formulations. Any application that requires the corrosion prevention of soft metals like copper and copper alloys like brass and bronze. Applications include solvent base wash solvents, thin films applied direct to metal and adhesives bonding various metallic components.

TYPICAL USAGE LEVELS: Use levels will be dependent upon the application. A typical range for wash solvents is from 0.05%-.5%, and for a formulated coating or adhesive 0.1% to 1% on total resin solids. For optimum performance, a ladder study is recommended.

INCORPORATION: K-PURE CDI-4308 is soluble in most organic solvents, and not soluble in water.

SHELF LIFE: 18 months from the date of manufacture, when stored at ambient conditions in the original container.

HANDLING & STORAGE: Safe handling of this product should include the use of safety glasses and gloves. Avoid breathing vapors – use adequate ventilation. Product should be stored in lined or glass containers away from sunlight and excessive heat. Refer to MSDS for detailed information.

REGULATORY: Please refer to the Material Safety Data Sheet.