

Oakite[®] CPA

Oil and nitrite-free corrosion protection additive for coolant/lubricant and alkaline solutions.

PRIMARY APPLICATION

Specially formulated Oakite CPA is a low-foaming, alkaline blend of liquid corrosion inhibitors that protects ferrous metal surfaces from rust without relying on oils or nitrites.

When added to fully synthetic coolant/lubricant solutions, or to moderately alkaline solutions, Oakite CPA leaves a thin, dry, rust-inhibiting film on ferrous metal surfaces. It does not change the foaming characteristics of the product that it is added to.

This non-oily, non-nitrite film does the following on the unrinsed surfaces: (1) increase protection against rust formation on tools, machines and work made of steel and cast iron; (2) prolongs the duration of rust protection during indoor storage when added to moderately alkaline solutions (actual length of time is dependent on plant conditions).

Unlike an oily residue, the invisible, non-tacky film left by CPA does not attract and hold airborne shop soils that could pose a fire hazard. Nor does this film interfere with subsequent finishing operations. If or when desired, it's easily and quickly removed with an alkaline cleaner.

CHEMICAL CHARACTERISTICS

chemical composition.....	blend of organic corrosion inhibitors
physical form.....	as received: yellow-green liquid as used: pale yellow-green solution
odor	bland
specific gravity	1.018 at 20°C (68°F)
bulk density	1018 g/l (8.5 lb/gal) at 20°C (68°F)
viscosity	8 cps, Brookfield Spindle 1, 60 rpm
flash point	none
foaming tendency.....	low at 4% by volume of water
recommended diluent.....	water
maximum solubility.....	complete
behavior in hard water.....	no adverse effect
rinsability.....	good
biodegradable surfactants	non-surfactant material
phosphate free	yes
normal working concentrations.....	0.5 to 3% by volume of water
normal working temperatures	ambient
pH of concentrate.....	10.9
pH at working concentrations	10.4 at 3% by volume of water

DISPOSAL

Dispose of according to federal, state and local regulations.

SHIPMENT

May be shipped by any common carrier. Freight classification is "Iron Rust Preventing Compound other than Petroleum, NOIBN". Product Code No: 3562.

STORAGE

Store at moderate temperatures. Keep container closed when not in use. **KEEP FROM FREEZING.**

effect of high temperature storage.....no adverse effect
effect of low temperature storage.....freezes at -12°C (10°F); does not restore on thawing
effect of aging.....no adverse effect

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Corporate Headquarters and Eastern Branch (800) 526-4473 • Central Branch (Midwest) (877) 941-3800
Western Branch (800) 331-1197 • Oakite Canada Limited (800) 668-4318
Chemetall Mexicana 011 52 55 5656 1490 • Chemetall do Brasil Ltda. (5511) 4066 8800
Website: www.oakite.com • E-mail: oakite.products@chemetall.com • Shop online at www.oakitestore.com

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