



## PRODUCT DATA SHEET

**For use on all types of ball bearings**

### PHYSICAL CHARACTERISTICS

Color	Blue Green	Actives - Volume	>93%
Appearance	Clear	Film Thickness	0.0004 typical
Odor	Fresh Scent	pH	N/A
Specific Gravity @ 15.6°C	0.883	Vapor Pressure	8 mm Hg.
Viscosity, cSt @ 40°C	47.3	Solubility in Water	Slightly Emulsifiable
cSt @ 100°C	7.0	Boiling Point	>400°F
Flash Point c.o.c.	>270°F	Weight per gallon	7.3 lb.
<b>Non-toxic</b>			

### PERFORMANCE PROPERTIES

Lubrication:	Anti-Wear	< 0.28 mm*	ASTMD-4172
	Friction Coefficient	< 0.03 **	
Corrosion Protection:	Salt Spray, hrs.	96	ASTMB-117
	(Film Thickness)	0.19 mils	
	Humidity Cabinet, hrs.	1320	ASTMD-1748

\*Note: The smaller the number, the better the performance. A standard lubricating oil of the same viscosity would yield a value of 1.0 - 1.2 mm.

\*\*Note: The lowest coefficient of friction on lubricated steel surfaces.

### COMPATIBILITY WITH MATERIALS

**Rubber:** No visible effect on Buna-N, Viton or Neoprene products. Slight swelling and/or softening of butyl rubber items.

**Adhesives and Sealants:** Usually no effect but some adhesives may soften and sealants with silicone may experience slight swelling. Recommend a small test sample prior to widespread application.

**Painted Surfaces:** Paints typically used on aircraft, automobiles and machinery are unaffected by CorrosionX. Polishes and some wax coatings may soften by the application of *any* hydrocarbon product.

**Plastics:** CorrosionX is compatible with most commonly encountered plastics such as: Acrylic, Polyester, Nylon, Vinyl, Delrin, PTFE, Formica, Polyethylene and Polypropylene. Should there be any question when other types of plastics are involved, it is suggested a small sample be tested.

**Fabrics:** CorrosionX will be absorbed into the fibers of most fabrics, thereby creating slight staining. The stain is not permanent and may be removed with naphtha or mineral spirits.

**Storage:** Bulk: Store at room temperatures (50°F or more). Aerosols not more than 120°F.

**Shelf Life:** Bulk: Indefinite (as long as container remains capped). Aerosols: 3 years