

CIMCOOL[®]

METALWORKING FLUIDS

CIMGUARD[®] 20

SOLVENT-BASED CORROSION PREVENTIVE

APPLICATIONS	<p>CIMGUARD[®] 20 is a general-purpose solvent-based corrosion preventive. It has water-displacing properties and is a fingerprint neutralizer. The protective coating is semi-hard and transparent. Non-staining to copper, copper alloys and aluminum.</p> <p>CIMGUARD[®] 20 corrosion preventive protects all ferrous and non-ferrous metals during processing, indoor storage, and wrapped shipment (up to 18 months). Can be applied to dry or wet parts. When CIMGUARD[®] 20 is applied with in-process spray or dip tank where fluid runoff is collected for reuse, water will settle quickly to the bottom of the rust preventive reservoir. The water can then be drained periodically from the bottom.</p> <p>CIMGUARD[®] 20 is a "natural" for the bearing industry. Finished bearings can be dipped in CIMGUARD[®] 20 to displace water-based metalworking fluid and provide corrosion protection of the highly finished parts during wrapped shipment. Can also be used for automotive parts and other precision and semi-precision parts.</p>
FEATURES & BENEFITS	<ul style="list-style-type: none">▪ Rapidly displaces water to deposit a polar corrosion preventive film on the metal▪ Non-emulsifying - Water separates rapidly from the metal and settles to the bottom of the tank, leaving CIMGUARD[®] 20 like new; ready for reuse▪ Quick curing - Solvent evaporates quickly, leaving a semi-hard protective film▪ Durable transparent film is fully discernable for a minimum of two weeks after application▪ Non-staining to metals - Can be used with steel, cast iron, copper, zinc, aluminum, and their alloys

<p>RECOMMENDED STARTING DILUTIONS</p> <p>METHOD OF APPLICATION</p> <p>REMOVAL</p>	<p>FOR INDUSTRIAL USE ONLY Use neat (undiluted) for the prevention of corrosion during indoor storage.</p> <p>Can be applied through immersion, brushing, rolling, spraying etc.</p> <p>Can be removed with an alkaline cleaner or degreaser, for subsequent operations.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear, amber/solvent Colors available: Undyed Solubility in water: Negligible Weight, lb/gal, 60°F (15.6°C): 6.80 Specific gravity, (H₂O = 1): 0.815 Viscosity (S.U.S. @ 100° F): 34 Boiling point, °F (°C): NA Flash point, COC, °F (°C): 170 (77) Extinguishing media: Chemical foam, carbon dioxide, water fog, dry chemical Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): -45 (-43) If frozen, thaw completely at room temperature. pH, concentrate: NA pH, NA mix, typical operating conditions: NA Total chlorine/chloride, wt%, calculated: 0.00/0.00 Total sulfur, wt%, calculated: 0.24 Silicones: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p>
<p>For additional information concerning CIMGUARD® 20, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. Consumable Products Division/ Milacron Marketing Company Cincinnati, Ohio 45209</p> <p>PC-799 2/25/02</p>	