

CIMCOOL®

METALFORMING FLUIDS

MILDRAW® SHD GEL LUBE SYNTHETIC, METALFORMING PASTE

APPLICATIONS	<p>MILDRAW® SHD GEL LUBE is a heavy-duty drawing paste for ferrous and non-ferrous metals. With its exceptional lubricity and anti-wear properties, water-based MILDRAW® SHD GEL LUBE will outperform many conventional oil-based and synthetic lubricants on the market in deep drawing, stamping/blanking, bending/forming (including tube bending/forming), punching/piercing and trimming operations.</p> <p>Metals: Stainless Steel, Steel, Aluminized and Galvanized Steel and Aluminum</p> <p>Duty Range: For heavy-duty operations</p>
FEATURES & BENEFITS	<ul style="list-style-type: none">• SUPERIOR DIE AND TOOL LIFE• EXCELLENT CORROSION PROTECTION ON FERROUS METALS• CLEANER PRESSES, DIES AND TOOLING THAN WITH OILS• VERSATILE PRODUCT – Performs on presses with single, compound, progressive and transfer dies• ENVIRONMENTALLY SOUND – Eliminates oil mists and reduces disposal treatment procedures• SAFE – Low pH formulation is easy on personnel and equipment• NO SOLVENTS OR FIRE HAZARDS• SAFE ON NON-FERROUS AND EXOTIC ALLOYS – (may stain some copper alloys)• NO GUMMING OR DEPOSITS WHEN APPLIED AND MAINTAINED AT THE PROPER CONCENTRATION• REMOVE WITH AQUEOUS OR VAPOR DEGREASING CLEANERS

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use neat or if diluted with water, agitation is required.</p> <p>Add no other substances to the concentrate or mix unless approved by your CIMCOOL® Technical Service Representative. Not recommended for use with magnesium or alloyed magnesium.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Grease Appearance and odor: Opaque/Chemical Color available: Undyed Solubility in water: 100% miscible Viscosity, cps, 100°F (38°C): > 100,000 Weight, lb/gal, 60°F (15.6°C): 7.7 Specific gravity, (H₂O = 1): 0.92 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): None Fire point, COC, °F (°C): NA Freezing point (or pour point), °F, (°C): 32 (0) Protect from Freezing. pH, neat: 8.0 pH @ 10.0%: 7.7 Total chlorine, wt%, calculated: 0.00 Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
PACKAGING	Available in 55-gallon drums.
<p>For additional information concerning MILDRAW® SHD GEL LUBE, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.CIMCOOL.COM or from your Milacron representative.</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-9945 7/18/08</p>	