



# TOWERSOL G-9196

**TOWERSOL G-9196** is an emulsifiable, chlorine and sulfur-free lubricant designed for use in a variety of metal forming operations. Under most conditions **TOWERSOL G-9196** will not stain or generate white rust on aluminum or zinc coated metals. **TOWERSOL G-9196** is suitable for use on copper alloys. **TOWERSOL G-9196** is effective in operations that include, blanking, forming, drawing, deep drawing, and roll forming. **TOWERSOL G-9196** produces a high strength lubricating film on metal surfaces that protects the tooling from wear.

## USAGE

**TOWERSOL G-9196** can be used as a straight concentrate, or up to 20:1 dilution with water. To ensure a stable emulsion, always add the concentrate **to** water with agitation. **TOWERSOL G-9196** can be applied in minimal amounts through airless spray, drip, roller coater, recirculating systems, or similar methods. It is easy to clean in aqueous systems using an alkaline cleaner such as **TOWERKLENE 42-A**.

## PHYSICAL CHARACTERISTICS

Density	0.93 g/ml	7.8 lbs/gal
Appearance	Clear Dark Amber Liquid	
Odor	Bland	
pH @ 10:1	9.0	
Refractive Index	26.3 @ 3:1	21.1 @ 4:1 16.5 @ 5:1
(freshly diluted)	10.5 @ 9:1	7.0 @ 12:1 5.3 @ 19:1
Refractive Index Factor	0.95 x RI = Volume %	

## BENEFITS

- **Contains No Hazardous Ingredients**
- **Excellent Tool Life on Nonferrous Metals**
- **Does Not Contain Chlorine or Sulfur**
- **Provides Excellent In Process Rust Protection**
- **Cleans Easily In Low Temperature Water Based Solutions**
- **Mixes Easily With Water**
- **Reduces Aluminum Oxide Generation on Aluminum**

## TECHNICAL SUPPORT

This is a Proprietary product. TOWER wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and TOWER's assistance, however, are not a substitute for your own testing and evaluation.