



TOWERKEM W-3201

TOWERKEM W-3201 is a chemical solution, which contains no mineral oil. It is formulated to be operator friendly, and is free from hazardous ingredients as defined by OSHA and is SARA-free, according to EPA rules. It is specially formulated for use as a coolant for grinding on materials such as ferrous metals, cast iron and glass. **TOWERKEM W-3201** is an excellent coolant for applications requiring flushing, cooling, rust protection and minimal residues. **TOWERKEM W-3202**, an undyed version of this product, is also available.

USAGE

TOWERKEM W-3201 is typically used at dilutions of 10:1 to 20:1 with water. In order to maintain the desired concentration, make up is normally added at a dilution of 50% of target dilution.

PHYSICAL CHARACTERISTICS

Density	1.03 g/ml	8.69 lbs/gal		
Appearance	Green Liquid			
Odor	Mild Sweet			
pH (concentrate)	Typically 9.2 to 9.6			
(@ 20:1 dilution)	Typically 8.8 to 9.2			
Refractive Index	3.7 @ 5:1	2.7 @ 7½ :1	2.1 @ 10:1	
(freshly diluted)	1.5 @ 15:1	1.1 @ 20:1	0.9 @ 25:1	

BENEFITS

- **Contains No Hazardous Ingredients**
- **Does Not Contain Chlorine or Sulfur**
- **Contains No Fats Oils or Greases**
- **Provides Excellent Cooling Characteristics**
- **Has Excellent In-Process Rust Protection for Inside Storage**
- **Delivers Excellent Sump Life**
- **Can Be Welded Through Without Cleaning**
- **Rejects Tramp Oils**
- **Mixes Easily and Is Stable in Water of Varying Degrees of Hardness**
- **Is Environmentally Friendly**

TECHNICAL SUPPORT

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

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