

Supplier - DOVER  
**Milidin GX-3**  
*pH Buffer*  
*Other Additives*

**Typical Properties**

Appearance	Clear Yellow Liquid
Specific Gravity@20°C	1.060
pH Value(1%Solution)	10.5
Odor	Mild
Solubility	Water, In All Proportions

**Product Description**

**MILIDIN GX-3** is formulated for use in various applications as an additive for emulsions and aqueous systems where control of pH is critical. It prolongs the useful life of aqueous solutions and emulsions by stabilizing the pH at 8-9. It does this by acting as a buffer during the changes in chemistry that take place in a solution or emulsion over time. These changes include the effects of oxidation and additive depletion that can cause reduced pH. **MILIDIN GX-3**'s high reserve alkalinity acts to minimize these effects by ensuring the system maintains or stays close to its original pH.

**MILIDIN GX-3** can be mixed into water-based solutions or emulsions so the concentration in the finished material is 1000-2000 ppm, which is sufficient for pH control. **MILIDIN GX-3** usually can be added at any stage during processing, while maintaining a pH at 7.0 or above prior to addition.

**Applications**

- Soluble Oil / Coolant (Concentrate)
- Soluble Oil / Coolant (Dilution)

**Suggested Treat Rates, %wt**

- 1 - 3
- 0.1 - 0.2

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