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## ACETIC ACID

### **GENERAL DESCRIPTION:**

Acetic Acid is an organic compound that serves as a main component for vinegar, while also maintaining other food / industrial applications.

### **APPLICATIONS:**

- ◆ Food: vinegar
- ◆ Wood Glue: precursor to polyvinyl acetate
- ◆ Photography: cellulose acetate
- ◆ Housing: descaling agents
- ◆ Ester production
- ◆ Solvent: ink, paints, coatings

### **PHYSICAL PROPERTIES:**

- ◆ Appearance: clear, colorless liquid
- ◆ Odor: strong, vinegar-like
- ◆ Solubility in water: complete
- ◆ pH: 2.4

### **HANDLING & STORAGE:**

**Precautions for Safe Handling and Conditions for Safe Storage, Including Any Incompatibilities:** Protect against physical damage. Store in a cool, dry, well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Store above 17 °C (63 °F) Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid). Observe all warnings and precautions listed for the product.