

# 45003

**Mizkan Americas, Inc.**  
**Material Safety Data Sheet**

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Dilute Vinegar (4.0% - 10.0% Acetic Acid)

SPILL OR LEAK PROCEDURES

If vinegar is spilled, water may be used to dilute. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

DISPOSAL CONSIDERATIONS

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

PHYSICAL DATA

Appearance & Odor: Appropriate color and odor for type of vinegar

Boiling Point: 244° F      Vapor Pressure (MMHg): 11MM

Vapor Density (Air = 1): 2.1      Solubility in Water: Complete

Specific Gravity: 1.01      pH: 2.2 @100 grain (10.0%)

Stability: Good      Hazardous Polymerization - will not occur

Incompatibility with Other Materials: Avoid contact with strong oxidizing agents. Avoid contact with strong bases.

EXPOSURE CONTROLS

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

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