

Material Safety Data Sheet
Vinegar (5.0 – 10.0% Acetic Acid)

CAS# 8028-52-2

M.A. Gedney Company
2100 Stoughton Ave.
952-448-2612

Date prepared: December 22, 2006

Trade name: Vinegar

Chemical Name: Dilute Acetic Acid (CH₃COOH)

CAS Registry # 8028-52-2

Definition: Product made by the acetous fermentation of ethyl alcohol to contain 5-10% acetic acid (or 50- 100 grain vinegar)

Manufacturer's Name and Address:

Mizkan Americas, Inc.
55 Euclid St. Suite 300
Mount Prospect, IL 60056

HEALTH HAZARD DATA

Inhalation: Threshold Limit Value	10 ppm
Short Term Exposure Limit	15 ppm for 15 min
Odor Threshold:	1.0 ppm

Prolonged inhalation of vapors can cause irritation to respiratory tract.

Eyes: Will cause eye irritation

EMERGENCY AND FIRST AID PROCEDURES

In case of eye contact, flush immediately and thoroughly with water.

If swallowed in large amounts, water should be consumed to dilute. Do not induce vomiting. Do not give emetics or baking soda.

SPEAL 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): 11 MM

Vapor Density (Air=1): 2.1

Solubility in Water: Complete

Specific Gravity: 1.01

PH: 2.2 @ 100 Grain (10%)

Stability: Good

Hazardous Polymerization – will not occur

Incompatibility with other materials: Avoid contact with strong Oxidizing Agents. Avoid contact with strong Bases