

Material Safety Data Sheet

Item # 107012
Page 1 of 2

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Vinegar Demo
Item #: 107012
Issue Date: 12/17/10
Supercedes: 4/11/02



MANUFACTURER
Clean Control Corporation
PO Box 7444
Warner Robins GA 31095

TELEPHONE NUMBERS
Medical Emergency (8 am - 5 pm EST): 800.841.3904
Quality Assurance Hotline (8 am - 5 pm EST): 800.841.3904
Transportation Emergency (24-hours): 800.424.9300

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components	Exposure Limits			
	Wt%	OSHA PEL	ACGIH TLV	NIOSH REL
* -- (see note below)				
Water (CAS No. 7732-18-5)	>90.0	None	None	None
* Acetic acid (CAS No. 64-19-7)	5 - 10	10 ppm TWA	10 ppm TWA	10 ppm TWA

* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR1910.1200. Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: Causes slight eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

HMIS Rating

Health	1
Flammability	0
Reactivity	0

SECTION 4 -- FIRST AID MEASURES

Eye Contact: IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

Skin Contact: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Inhalation: IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.

Ingestion: IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, drink large quantities of water. Avoid Alcohol.

SECTION 5 -- FIRE FIGHTING MEASURES

Flash Point / Method: Not applicable

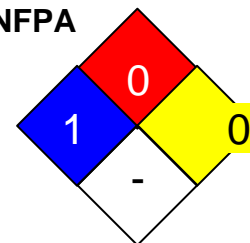
Flammable Limits: Not established

Extinguishing Media: Use water, foam, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing in accordance with OSHA regulations.

Fire and Explosion Hazards: Products of combustion may be irritating.

NFPA



SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: Small spills: Contain spill. Flush to sanitary sewer. Rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up with inert absorbent. Prevent runoff to creeks and waterways.

SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.

Storage Precautions: Store in a cool, dry place. Keep storage temperature below 120°F. Do not contaminate food, feed, or drinking water. Keep from freezing.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygienic Practices:	Normal procedures for good hygiene. Avoid eye and skin contact.
Engineering Controls:	General ventilation recommended for large jobs. Eyewash station is recommended.
Personal Protective Equipment:	Occupational settings (defined by 29CFR1910 - Subpart A) require compliance with 29CFR1910 - Subpart I. <i>Respirator</i> NIOSH approved organic vapor type (not normally required) <i>Goggles/Face Shield</i> .. Recommended, as required, to prevent eye contact. <i>Gloves</i> Recommended, as required, to prevent skin contact (rubber or Neoprene).

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear, bright liquid	Boiling Point Not established
Odor Vinegar-like	Freezing Point Not established
pH ~2.5	Evaporation Rate (Butyl Acetate=1) Not established
Specific Gravity (H₂O=1) ~1.007	Vapor Density (Air=1) Not established
Solubility Soluble	Vapor Pressure (mmHg) Not established
VOC Content (% Wt.) Not established	

SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Heat
Incompatibility:	Carbonates, hydroxides, ammonia, strong oxidizers, metals amines
Hazardous Decomposition:	Combustion may produce carbon monoxide.
Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	Not applicable

SECTION 11 -- TOXICOLOGICAL INFORMATION

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z.
	Other Effects: <i>Acute:</i> High vapor concentrations can cause irritation of the eyes and respiratory system. <i>Chronic:</i> Prolonged or repeated overexposure may result in dermatitis.

SECTION 12 -- ECOLOGICAL INFORMATION

Biodegradability:	Not established
BOD₅ / COD Value:	Not established

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of in accordance with local, state, and federal regulations.
RCRA Classification:	Non-hazardous

SECTION 14 -- TRANSPORT INFORMATION

DOT Classification:	Non-hazardous
Exceptions:	
Description:	Not applicable

SECTION 15 -- REGULATORY INFORMATION

	EPA Registered:	
X	TSCA:	Ingredients have been listed.
X	CERCLA:	Reportable Quantity - 45,500 lbs. (Acetic acid RQ - 5000 lbs.)
	SARA 302/304:	
X	SARA 311/312:	Immediate (Acute) Health Hazard
	SARA 313:	
	HACCP:	
	WHMIS Class:	

SECTION 16 -- OTHER INFORMATION

ID:	DEMO-110 / 510301
Issue Date (Rev):	12/17/10
Revision Summary:	Revised Section(s): 1, 16

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