

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: NATURAL CATCH®
PRODUCT USE: FRUIT FLY TRAP

COMPOSITION/INFORMATION ON INGREDIENTS

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard. Unlisted ingredients are not 'hazardous' per the OSHA standard.

CHEMICAL NAME: Dilute Acetic Acid (CH₃COOH), TABLE STRENGTH, CAS number 64-19-7

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard communication standard 29 CFR 1910.1200.

HEALTH HAZARD DATA:

Prolonged inhalation of vapors can cause irritation to respiratory tract. Avoid breathing vapors or mists

EYES: Will cause eye irritation - smarting and reddening to the eye. Remove promptly, may injure eye tissue which may result in permanent damage, including blindness.

SKIN: Contact may cause mild injury and burns from concentrations of 10% acetic acid or greater. Dilute solutions may cause dermatitis in some sensitive individuals.

INGESTION: Concentrated vinegar may cause irritation and burns in mouth, stomach and esophagus.

CARCINOGENICITY: No known cancer hazards

REPRODUCTIVE HAZARDS: Not a reproductive hazard

EMERGENCY AND FIRST AID PROCEDURES:

In case of eye contact, flush immediately and thoroughly with water. Saturated clothing should be removed and washed. If vapors are inhaled extensively, exposed person should be removed to fresh air immediately.

If swallowed in large amounts, water should be consumed to dilute. **DO NOT INDUCE VOMITING. DO NOT GIVE EMETICS OR BAKING SODA.** Call a physician.

FIRE AND EXPLOSION HAZARD DATA:

Flash point: Vinegar does not flash
Auto Ignition Temperature N/A
Flammable limit in air N/A

Fire extinguishing agents recommended: Vinegar is not flammable

Fire and explosion hazard: Vinegar will not burn

NFPA RATING

Red Diamond (Flammability) Code 0	Yellow Diamond (Reactivity) Code 0	Blue Diamond (Health) Code 1	White Diamond (Special Warning) none
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ACCIDENT RELEASE MEASURES:

Personnel: Protect skin and eyes from exposure. Avoid breathing vapor.

Initial containment: Contained spilled material. Water may be used to dilute. Dispose of waste in accordance with local, state/provincial and national requirements.

Small spill procedure: Water may be used to dilute. Dispose of waste in accordance with local, state/provincial and national requirements.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Wear Safety Glasses

Skin Protection: Wear protective gloves to minimize skin contamination

Respiratory Protection: Under normal conditions, with adequate ventilation, no special handling is required. If airborne exposures exceed applicable limits, wear NIOSH/MSHA approved protection.

EXPOSURE GUIDELINES FOR ACETIC ACID

Recommended Exposure limit	10 PPM
Odor Threshold	0.037-.15 PPM
Immediately Dangerous to life or Health level (IDLH)	1000 PPM
OSHA TWA	10 PPM
ACGIH TWA	10 PPM
OSHA STEL:	15 PPM
Skin Designation	Yes

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Liquid
Color:	Characteristic color
Odor:	Characteristic odor
Boiling Point:	215 Degrees F @ 760 mmHg and 100 grain
Vapor Density (Air=1)	2.1
Specific Gravity:	1.01 (Water = 1)
Vapor Pressure (mmHg):	1.4 mm Hg@ 300 grain and 70 Degrees F
Melting/Freezing point:	Vinegar: Approx 30 degrees F (Acetic Acid 62 degrees F)
Solubility in Water:	Complete
pH:	2.2 @ 100 Grain

STABILITY AND REACTIVITY

Stability: Good

Hazardous Polymerization: Will not occur

Incompatibility with other materials: Avoid contact with strong oxidizing agents. Avoid contact with strong bases.

Decomposition: Will not occur if handled and stored properly. In case of fire, oxides of carbon, fumes and smoke may be produced.

TOXICOLIGICAL INFORMATION

No toxic effects

ECOLOGICAL INFORMATION

None Available

WASTE DISPOSAL

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

TRANSPORTATION

LABEL

Vinegar

PRODUCT RQ

5000 lb acetic acid

REGULATORY INFORMATION

Canadian Disclosure List

Acetic acid (64-19-7)

Food and Drug Administration

Material is generally recognized as safe (GRAS) food ingredient

CERCLA Hazardous substances

Acetic Acid (64-19-7) – RQ 5000 lb

This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

This product does not contain known levels of any chemical known to the State of California to cause cancer or cause reproductive damage.

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