

Safety Data Sheet

30% Vinegar PURE NATURAL & SAFE INDUSTRIAL
STRENGTH CONCENTRATE for Home & Garden & Literally
Hundreds Of Other Uses

SECTION 1. PRODUCT AND COMPANY

Product identifier/Name: Vinegar
Synonyms: White Distilled Vinegar (120 to 300 Grain / 12% to 30%), White Distilled Vinegar - Organic (120 to 300 Grain / 12% to 30%), White Distilled Vinegar IP Non GMO (120 to 300 Grain / 12% to 30%), Vinaigre Blanc (120 to 300 Grain / 12% to 30%), Crystal Select Vinegar (120 to 300 Grain / 12% to 30%), Water-White Vinegar (120 to 300 Grain / 12% to 30%)
Product Use: Food
Distributed by: Level 7 Chemical
255 Sturgis Rd
Conway, AR 72034
Emergency Number: (855) 927-1777
CHEMTREC (800) 424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification: Skin Corrosive 2, Eye Irritant 2A, Hazardous to aquatic environment

WARNING



Hazard Statements: H320: Causes eye irritation
H315: Causes skin irritation
H332: Harmful if inhaled
H402: Harmful to aquatic life

Precautionary Statements: P261: Avoid breathing fumes/mist/vapors/spray
P264: Wash exposed skin thoroughly after handling.
P280: Wear protective gloves to avoid prolonged exposure.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P273: Avoid release into the environment

SECTION 3. COMPOSITION /INFORMATION ON INGREDIENTS

Chemical name	Concentration	CAS
Acetic acid	10% - 30%	64-19-7
Water	70% - 90%	7732-18-5

SECTION 4. FIRST-AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER
Skin contact	If on skin; wash with plenty of soap and water. If skin irritation occurs, seek medical advice/attention. If on clothes; remove/take off all contaminated clothing. Rinse skin with soap and water.
Inhalation	Remove to fresh air and keep in position comfortable for breathing.
Ingestion	Intended for ingestion, however if swallowed in large quantities, water may be consumed to dilute. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media	N/A
Specific Hazards	N/A
Special Fire Fighting Methods	N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	<p>Protect skin and eyes from exposure. Avoid breathing vapor</p> <p>LARGE SPILLS PROCEDURE: Contain spilled material. Large spills may be neutralized with dilute alkaline solutions of soda ash or lime. Avoid runoff into storm sewers and ditches that lead to waterways. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.</p> <p>SMALL SPILLS PROCEDURE: Water may be used to dilute. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial and national requirements.</p>
Environmental Precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Provide good ventilation to prevent formation of vapor. Avoid breathing vapors, contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatible products Keep container closed when not in use.

Strong oxidizers, metals, strong bases.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name	ACGIH		OSHA PEL		IDLH
	TWA	STEL	TWA	STEL	
Acetic Acid	10ppm	15ppm	10ppm; 25mg/m ³	N/A	50ppm 125mg/m ³

Appropriate engineering controls: Emergency eye wash stations should be available in the immediate vicinity. General room ventilation should be maintained for operator comfort.

Hand protection: Rubber gloves should be worn to avoid prolonged exposure

Eye protection: Chemical goggles or face shield.

Skin and body protection: General clothing is adequate

Respiratory protection: Wear NIOSH/MSHA approved respiratory protection in enclosed areas

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Odor:	Strong Vinegar
Odor threshold:	No data available
pH:	2.1 - 2.8
Melting point:	Vinegar @ 30F (Acetic Acid @ 62F)
Boiling point:	215F @ 760 mm Hg and 100 grain
Flash point:	N/A
Evaporation rate:	No data available
Flammability (solid, gas):	N/A
Upper/Lower Explosive Limit	N/A
Vapor pressure:	1.4 mm Hg @ 300 grain and 70F
Relative vapor density at 20 C:	2.1 (Air = 1)
Relative density:	No data available
Density:	1.01 to 1.04 (water = 1)
Solubility:	Complete

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Partition coefficient No data available
Auto-ignition Temperature No data available
Decomposition Temperature No data available
Viscosity No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity No data available
Chemical stability Stable under normal conditions
Possibility of hazardous reactions Contact with strong oxidizing agents or strong bases may result in the release of heat.
Incompatible materials Water reactive materials, acetic anhydride, caustics, oxidizing materials, carbonates
Hazardous decomposition products Carbon dioxide. Thermal decomposition may generate corrosive vapors.

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of entry Inhalation, ingestion and skin contact
Symptoms (acute) Respiratory irritation
Delayed effects No data available

Acute Toxicity:

Chemical name	CAS	Oral LD50	Dermal LD50	Inhalation LC50
Water	7732-18-5	Rat 90000mg/kg		
Acetic Acid	64-19-7			Mouse 5620ppm

Carcinogenicity No evidence of a carcinogenic effect
Mutagenicity No evidence of a mutagenicity effect
Teratogenicity No evidence of a teratogenicity effect
Sensitization No evidence of a sensitization effect
Reproductive No evidence of a Reproductive effect

SECTION 12. ECOLOGICAL INFORMATION

Overview This material is not expected to be harmful to the environment
Persistence Biodegradation
Bioaccumulation No data
Mobility in soil No data

Other adverse effects No data

SECTION 12. ECOLOGICAL INFORMATION

Chemical name	CAS	Ecotoxicity
Water	7732-18-5	No data available
Acetic Acid	64-19-7	Aquatic LC50 (96h) Fathead Minnow 79mg/l Aquatic EC50 (24h) Daphnia 47mg/l

Section 13. DISPOSAL CONSIDERATIONS

Waste disposal Dispose in accordance with local, state/provincial , and national requirements
recommendations:

SECTION 14. TRANSPORT INFORMATION

Transportation of products covered by this SDS are subject to conditions specifically, that
“food grade” (as defined by the FDA) bulk vinegar with up to 30% acetic acid that meets exemption
conditions and is not a 49 CFR §171.8 hazardous substance.

SECTION 15. REGULATORY INFORMATION

Chemical name	CAS	Section 313	Section 304 RQ	CERCLA RQ	Section 302 TPQ	CAA 112 (2)
Acetic Acid	64-19-7	no	5000lb	5000lb	no	no

SECTION 16. OTHER INFORMATION

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