

# White Distilled Vinegar

## Safety Data Sheet



### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** White Distilled Vinegar (50 grain to 300 grain or 5% to 30%)

**Product Code(s):** B-V05XXX, B-V10XXX, B-V20XXX, B-V30XXX

**Recommended Use:** Home and garden, multi-purpose cleaner.

**Company:** Blendmagic Products, LLC  
PO Box 220, East Islip, NY 11730  
www.blendmagicproducts.com  
T. 888-605-4332

**Emergency Number:** Chemtrec (800) 424-9300

**Restriction on Use:** Not for human consumption or cooking.

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** Skin Irritant 2, Eye Damage 1



**Signal Word:** DANGER

**Hazard Statements:** H315: Causes skin irritation.  
H318: Causes serious eye damage.

#### Precautionary Statements:

**Prevention:** P264: Wash exposed skin thoroughly after handling.  
P280: Wear protective clothing, protective gloves, eye protection, face protection.

**Response:** P301+P330+P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting.  
P302+P362+P352: IF ON SKIN (or hair): Rinse skin with plenty of water. Remove all contaminated clothing and wash it before reuse.  
P332+P313: If skin irritation occurs: Get medical advice/attention  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a poison center or doctor/physician.

**Storage:** P403: Store in a well-ventilated place.

**Disposal:** None.

**Hazards not otherwise classified:** Prolonged or excessive inhalation may cause respiratory tract irritation.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Acetic Acid	64-19-7	5 to 30%
Water	7732-18-5	70 to 95%

These components contain no substances or impurities which influence the classification of this product.

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### SECTION 4: FIRST-AID MEASURES

**Eye contact:** Immediately flush eyes with plenty of water. If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness.

**Skin contact:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Contact causes skin irritation.

**Inhalation:** If exposed to excessive levels of fumes, remove to fresh air. Fumes are irritating to the nose, throat, and respiratory tract. Avoid breathing vapors or mists.

**Ingestion:** If swallowed, water should be consumed to dilute. Do not induce vomiting. Do not give emetics or baking soda. Contact a physician. Ingestion can irritate the mouth, throat, and stomach.

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use any media appropriate for the surrounding fire.

**Specific hazards arising from the chemical:** Not flammable or combustible. Combustion may produce oxides of carbon.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear personal protective as described in Section 8.

**Environmental hazards: Avoid release into the environment.** Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** Dilute spilled liquid with water. Large spills can be neutralized with dilute solutions of soda ash or lime. Collect with an absorbent material and collect into a suitable container for disposal.

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with eye and skin. Avoid breathing vapors. Wear protective clothing when handling. Wash thoroughly after handling. Use with adequate ventilation. Wash contaminated clothing before reuse. Discard contaminated leather items like shoes and belts that cannot be decontaminated. Keep out of reach of children and pets. DO NOT mix with other household cleaning agents.

**Conditions for safe storage, including any incompatibilities:** Keep from freezing. Store only in original tightly sealed container and out of the reach of children.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	OSHA PEL (mg/m <sup>3</sup> )	NIOSH REL/IDLH (mg/m <sup>3</sup> )	ACGIH TLV/STEL (mg/m <sup>3</sup> )	Quebec (mg/m <sup>3</sup> )	Ontario TWA (mg/m <sup>3</sup> )	EU OELs (mg/m <sup>3</sup> )
Acetic Acid	25	25 / 125	25 / 37	25	25	25

**Ventilation:** Use outdoors or with adequate ventilation to maintain exposure levels below the exposure limits above.

**Respiratory Protection:** If the exposure limits are exceeded, wear an approved respirator for organic vapors. Follow OSHA regulations and good industrial hygiene practice in the selection and use of respirators.

**Gloves:** Neoprene or other impervious gloves are recommended.

**Eye Protection:** Safety goggles recommended.

**Other Protective Equipment/Clothing:** Wear protective clothing as needed to avoid skin contact.

### 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:** Does not flash  
**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:** 1.01 to 1.04 (water = 1)  
**Density:** 1.01 to 1.04 kg/L  
**Solubility:** Complete  
**Partition coefficient:** No data available  
**Auto-ignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Viscosity:** 0.894

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### SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Direct sources of heat. Extremely high or low temperatures.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire may decompose to release chlorine, oxides of carbon, toxic fumes, vapors and smoke.

**Incompatible Materials:** Do not mix with any other household cleaners. Avoid strong oxidizers, strong alkalis, and certain metals

### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of entry:** Inhalation, ingestion and skin contact

**Symptoms (acute):** Respiratory irritation

**Delayed effects:** No data available

**Acute Toxicity:** No toxic effects are likely (other than contact-site irritation/damage).

**Skin corrosion/irritation:** Solutions of 3.3% and 10% acetic acid produced primary dermal irritation index (PDII) scores of 0.5 and 1.1, respectively, when tested with rabbits. Irritating to the nose, throat, and respiratory tract. Avoid breathing vapors or mists.

**Serious eye damage/irritation:** If not removed promptly, will injure eye tissue, which may result in permanent damage to cornea, including blindness.

**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

Readily biodegradable. Not bio accumulative. No adverse impact is expected when used according to label directions. Do not discharge effluent containing this product into lakes, streams, ponds estuaries or sewer systems

### SECTION 13: DISPOSAL CONSIDERATIONS

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

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### SECTION 14: TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN2790	UN2790	Not Classified	Not classified
UN Proper Shipping Name	Acetic Acid solution (with more than 10 percent and less than 50 percent acid, by mass)	Acetic Acid solution (with more than 10 percent and less than 50 percent acid, by mass)	-	-
Transport Hazard Class	8	8	-	-
Packing Group	III	III	-	-
Environmental Hazards	-	-	-	-
Additional Information	*Limited Quantity Exception	*Limited Quantity Exception	-	-

### SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

**CERCLA Section 103:** This product has an RQ of 25,000 based on the RQ of acetic acid of 5000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute Health.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements

**Under SARA Title III, Section 313 (40 CFR 372):** None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**California Proposition 65:** This product contains the following substances known to the State of California to cause cancer and/or reproductive harm (birth defects): None

### SECTION 16: OTHER INFORMATION

**Issue Date/ Revision:** 2/26/21      **Prepared by:** Technical Department

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