

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Name : Worry Free Brand 30% Vinegar
Synonyms : 100552317, UPC #: 0-70624-00109-7

1.2. Recommended use and restrictions on use

Recommended use : All-purpose cleaner.
Restrictions on use : Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not use or store near heat or open flame.

1.3. Supplier

Central Garden & Pet, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339 - United States

gardendivision@central.com

1.4. Emergency telephone number

Emergency number : 1-800-265-0761
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 4
Skin corrosion/irritation, Category 1C
Serious eye damage/eye irritation, Category 1

Combustible liquid.
Causes severe skin burns and eye damage.
Causes serious eye damage.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



GHS05

Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

Combustible liquid
Causes severe skin burns and eye damage

Precautionary statements (GHS US) :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe dusts or mists.
Wash hands, forearms and face thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.
If swallowed: rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.
Take off immediately all contaminated clothing and wash it before reuse.
In case of fire: Use water spray, foam, CO2 or dry chemical to extinguish.
Store in a well-ventilated place.
Store locked up.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

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2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Acetic acid	(CAS-No.) 64-19-7	30
Non-hazardous and/or does not meet criteria for classification	(CAS-No.) N/A	Balance

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Causes skin burns.

Symptoms/effects after eye contact : Causes serious eye damage.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use water fog, foam, carbon dioxide, or dry chemical.

Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

Reactivity : Non-reactive under normal handling and storage conditions.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Evacuate area. Stay upwind. Contact may irritate or burn skin and eyes. Do not allow fire fighting water to escape into waterways or sewers. Keep unauthorized personnel away. Move containers away from the fire area if this can be done without risk. Ventillate enclosed spaces.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Do not breathe vapors, fumes, spray. Do not touch or walk on the spilled product.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.

Emergency procedures : ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate unnecessary personnel. Stay upwind. Stop leak if safe to do so. Ventilate area. Wear appropriate personal protective equipment, avoid direct contact.

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Use appropriate PPE. Non-sparking tools should be used.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective equipment. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Store locked up. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Store in cool, dry, secure place.

Incompatible materials : Strong acids. Strong bases. Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetic acid (64-19-7)		
ACGIH	ACGIH OEL TWA	10 ppm
ACGIH	ACGIH OEL STEL	15 ppm
ACGIH	Remark (ACGIH)	URT & eye irr; pulm func
OSHA	OSHA PEL TWA	25 mg/m ³
OSHA	OSHA PEL TWA	10 ppm
IDLH	IDLH	50 ppm
NIOSH	NIOSH REL TWA	25 mg/m ³
NIOSH	NIOSH REL TWA	10 ppm
NIOSH	NIOSH REL STEL	37 mg/m ³
NIOSH	NIOSH REL STEL	15 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear long-sleeved shirt, long pants, socks and shoes

Respiratory protection:

In case of insufficient ventilation, use NIOSH approved respiratory protection.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid
Color	: Colorless
Odor	: Vinegar Pungent
Odor threshold	: No data available
pH	: < 2
Melting point	: Not applicable
Freezing point	: 0 °C (32 °F)
Boiling point	: 100 °C (212 °F)
Flash point	: 61 °C (142 °F)
Relative evaporation rate (butyl acetate=1)	: 1
Flammability	: Not applicable
Vapor pressure	: 11 mm Hg at 20 °C (68 °F) (acetic acid)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Non-viscous
Explosion limits	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Non-reactive under normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Causes severe skin burns.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

Potential health effects

Inhalation

Acute : May cause respiratory tract irritation.

Skin

Acute : Causes serious skin burns.

Eye

Acute : Causes serious eye damage.

Ingestion

Acute : Under normal conditions of use, no health effects are expected.

Mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive Effects : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN2790	Acetic acid solution	8	III	Not applicable
IMDG	UN2790	ACETIC ACID SOLUTION	8	III	Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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Acetic acid (64-19-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	5000 lb

15.2. US State regulations

No additional information available

SECTION 16: Other information

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SDS US (GHS HazCom 2012) - CGP

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