Section 1: Identification

Product Identifier:	Uline Cleaning Vinegar (6% acidity, 60 Grain)
Chemical Name:	Acetic Acid (CH3COOH)
CAS #:	64-19-7
Recommended Use:	Food or Natural Cleaning
Supplier of the Safety Data Sheet:	Uline Canada Corp 3333 James Snow Parkway North Milton, Ontario L9T 8L1 1-800-295-5510
Emergency Number:	CHEMTREC US/Canada: 1-800-424-9300 International: +1-703-527-3887

Section 2: Hazard(s) Identification

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



Signal Word : 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

Concentrated vapors irritating to eyes and respiratory tract, avoid inhalation. May cause minor skin irritation.

NFPA Scale-



NFPA SCALE (0-4)

HMIS Rating-



HMIS RATINGS (0-4)

Section 3: Composition/Information on Ingredients

Chemical Name	Amount	CAS Number
Acetic Acid	6%	64-19-7
Water	94%	7732-18-5

Section 4: First Aid Measures

Inhalation: If exposed to excessive levels of fumes, remove to fresh air.

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.

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: Fire Fighting Measures

Flash Point: 40° C (104° F) closed cup (Acetic Acid)

Auto Ignition Temp.: 427° C (800° F) (Acetic Acid)

Flammable Limits in Air: 4.0% - 16% (Acetic Acid)

Extinguishing Media:

Water spray, foam CO2 or dry chemical. Water may be used to dilute spills and reduce flammability.

Hazards from Fire:

Toxic gasses and vapors may be released in a fire involving concentrated vinegars.

Section 6: Accidental Release Measures

Small Spill Procedure:

Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements. Water may be used to dilute.

Large Spill 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.

Personal Protection:

Protect skin and eyes from exposure. Avoid breathing vapor.

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 Handling:

Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Wash contaminated clothing before reusing.

Conditions for safe Storage:

Store in a cool, well ventilated place.

Section 8: Exposure Controls/Personal Protection

Permissible Exposure Limit (PEL):	10 ppm acetic acid
Threshold Limit Value (TLV):	10 ppm acetic acid
Short Term Exposure Limit (STEL):	15 ppm acetic acid
Recommended Exposure Limit (REL):	10 ppm acetic acid

Engineering Controls:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLV during the use of the product. Emergency shower and eye wash stations should be readily available.

Eye/Face Protection;

Wear safety glasses and/or face shield.

Skin Protection:

Rubber/neoprene gloves recommended. Rubber apron or other protective equipment as needed to reduce direct contact. (Concentrated vinegars only)

Respiratory Protection:

As required to prevent exposure to concentrations which exceed the PEL.

Thermal Hazards: None known

General Hygiene considerations:

Section 9: Physical and Chemical Properties

Physical State and Appearance:	Liquid
Odor:	Pungent, Vinegar-like
Color:	Colorless, Clear
Boiling Point:	100°C (212°F)
Freezing Point:	-2.22°C (28 °F)
PH:	2.6
Specific Gravity:	1.049 (Water = 1)
Vapor Pressure:	1.5 kPa @ 20°C
Solubility in Water:	Complete

Section 10: Stability and Reactivity

Reactivity/Stability:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Incompatibilities:	Avoid strong oxidizing agents / bases
Polymerization:	Will not occur

Section 11: Toxicological Information

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

Ecotoxicity: Will biodegrade readily under aerobic and anaerobic conditions.

Section 13: Disposal Considerations

Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.

Section 14: Transportation Information

Product Label:	Vinegar.
DOT Shipping Name:	Not applicable
Technical Shipping Name:	Not applicable
DOT Hazard Class:	Not applicable
UN Number:	Not applicable for vinegar containing less than 25% acetic acid, provided packaging complies with ADR Special Provision 647; UN2790 for vinegar containing more than 25% acetic acid
Product RQ (lbs):	Quantity containing the equivalent of 5000 lb of 100% acetic acid, (16,667 lb of vinegar containing 30% acetic acid)
DOT Label:	Not applicable

Section 15: Regulatory Information

Canadian Disclosure List:
Acetic Acid (64-19-7)

Comprehensive Environmental Response, Compensation, & Liability Act (CERCLA):
Acetic Acid (64-19-7)

Food & Drug Administration (FDA)
Product is a GRAS (Generally Recognized as Safe) food ingredient.

Section 16: Other Information

Not Available

	Revision Date	Revision Number
	01/15/2026	3

The information provided in this Safety Data Sheet ("SDS") is accurate to the best of our knowledge on the date of publication. This SDS is intended as guidance for the safe handling, use, processing, storage, transportation, disposal and release of the contents described in this SDS. It is not intended to be, nor should it be considered, a warranty or quality specification. We make no warranties, express or implied, including, but not limited to, merchantability, fitness for a particular purpose, or usage of trade. You are responsible for determining whether the product related to this SDS is suitable for your intended use or application.