

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : Neogen® Ampouled Media, PRY Broth
Type of product : Food Safety -- [Food Safety]
Product code : 6520

1.2. Other means of identification

Part Number(s) : 700002415|6520

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laboratory chemicals, Scientific research and development
Recommended use : Laboratory chemicals, Scientific research and development

1.4. Supplier's details

Manufacturer

Neogen Corporation
620 Leshar Place
Lansing, Michigan 48912
United States of America
T 800.234.5333
sds@neogen.com - <https://www.neogen.com/>

1.5. Emergency phone number

Emergency number : 24 hours:
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Full text of H statements : see section 16		

2.2. GHS label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS CA) : P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

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P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Acetic acid	Acetic acid; Glacial acetic acid acetic acid / alcohol of vinegar, 80%<conc<90%, aqueous solutions / ethanoic acid, 80%<conc<90%, aqueous solutions / ethylic acid, 80%<conc<90%, aqueous solutions / FEMA number 2006, 80%<conc<90%, aqueous solutions / methane carboxylic acid, 80%<conc<90%, aqueous solutions / pyroligneous acid, 80%<conc<90%, aqueous solutions / vinegar acid, 80%<conc<90%, aqueous solutions / vinegar, 80%<conc<90%, aqueous solutions / vosol, 80%<conc<90%, aqueous solutions	CAS-No.: 64-19-7	≥ 1 – < 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Aquatic Acute 3, H402 Aquatic Chronic 3, H412

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SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: If you feel unwell, seek medical advice.
Personal protection for first-aid responders.	: First-aiders should consider self-protection and use the recommended personal protective equipment (see section 8).

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
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

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
Environmental precautions	: Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

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For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. 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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Storage temperature : 2 – 8 °C
- Packaging materials : Always store product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Acetic acid (64-19-7)

Canada (Alberta) - Occupational Exposure Limits

Local name	Acetic acid
OEL TWA	25 mg/m ³
	10 ppm
OEL STEL	37 mg/m ³
	15 ppm
Regulatory reference	Alberta Regulation 191/2021

Canada (Quebec) - Occupational Exposure Limits

Local name	Acetic acid
VECD (OEL STEV)	37 mg/m ³
	15 ppm
VEMP (OEL TWAEV)	25 mg/m ³
	10 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety

Canada (British Columbia) - Occupational Exposure Limits

Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Canada (Manitoba) - Occupational Exposure Limits

Local name	Acetic acid
OEL TWA	25 mg/m ³

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Acetic acid (64-19-7)	
	10 ppm
OEL STEL	37 mg/m ³
	15 ppm
Notations and remarks	TLV® Basis: Sensory irr; Burns (chemical); Pulm func
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	URT & eye irr; pulm func
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	25 mg/m ³
	10 ppm
OEL STEL	37 mg/m ³
	15 ppm
Notations and remarks	TLV® Basis: Sensory irr; Burns (chemical); Pulm func
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	25 mg/m ³
	10 ppm
OEL STEL	37 mg/m ³
	15 ppm
Notations and remarks	TLV® Basis: Sensory irr; Burns (chemical); Pulm func
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)

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Acetic acid (64-19-7)	
Canada (Ontario) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWAEV	10 ppm
	15 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	25 mg/m ³
	10 ppm
OEL STEL	37 mg/m ³
	15 ppm
Notations and remarks	TLV® Basis: Sensory irr; Burns (chemical); Pulm func
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

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Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: Amber Clear
Odor	: Odorless Slight
Odor threshold	: No data available
pH	: 3.4 – 3.8
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified

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Neogen® Ampouled Media, PRY Broth	
Unknown acute toxicity (GHS CA)	1% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 2% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Acetic acid (64-19-7)	
LD50 oral rat	3310 mg/kg Source: ECHA Registered substances
LD50 oral	3310 mg/kg
LD50 dermal rabbit	1060 mg/kg Source: HSDB, NITE
LD50 dermal	1060 mg/kg
LC50 Inhalation - Rat [ppm]	16000 ppm Source: ChemIDPlus
ATE CA (oral)	3310 mg/kg body weight
ATE CA (Dermal)	1060 mg/kg body weight
ATE CA (Gases)	16000 ppmV/4h
ATE CA (vapors)	16000 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation. pH: 3.4 – 3.8

Acetic acid (64-19-7)	
pH	2.4 (6 %)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 3.4 – 3.8

Acetic acid (64-19-7)	
pH	2.4 (6 %)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Acetic acid (64-19-7)	
NOAEL (oral,rat,90 days)	290 mg/kg body weight Animal: rat, Animal sex: male
Aspiration hazard	: Not classified

Acetic acid (64-19-7)	
Viscosity, kinematic	No data available in the literature
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.

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Hazardous to the aquatic environment, long-term (chronic) : Not classified.

Acetic acid (64-19-7)	
LC50 - Fish [1]	> 1000 mg/l
LC50 - Fish [2]	> 300.82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	65 mg/l
EC50 - Crustacea [2]	> 300.82 mg/l Test organisms (species): Daphnia magna
ErC50 algae	> 1000 mg/l
EC50 72h - Algae [1]	4.51 mg/l Source: ECHA
EC50 72h - Algae [2]	> 300.82 mg/l Test organisms (species): Skeletonema costatum

12.2. Persistence and degradability

Neogen® Ampouled Media, PRY Broth	
Persistence and degradability	Not rapidly degradable
Acetic acid (64-19-7)	
Persistence and degradability	Biodegradable in the soil, Does not contain any not readily biodegradable component(s).

12.3. Bioaccumulative potential

Acetic acid (64-19-7)	
Bioaccumulative potential	Does not contain bioaccumulative component(s).
Partition coefficient n-octanol/water (Log Pow)	≤ -0.503

12.4. Mobility in soil

Acetic acid (64-19-7)	
Surface tension	No data available in the literature
Ecology - soil	Contains component(s) with potential for mobility in the soil. May be harmful to plant growth, blooming and fruit formation.

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.
Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

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SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
Not regulated for transport			
14.2. UN Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group, if applicable			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

Acetic acid (64-19-7)

Listed on the Canadian DSL (Domestic Substances List)

Canada DSL & NDSL Flags

Significant New Activity (SNAc) provisions of the Act apply

Acetic acid (64-19-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16 Other Information

Issue date : 08-27-2025

Revision date : 12-18-2025

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Supersedes

: 08-27-2025

Full text of hazard classes and H-statements:

H226	Flammable liquid and vapor
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.