

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Neogen® Ampouled Media, m-ENDO Broth  
Type of product : Food Safety -- [Food Safety]  
Product code : 6500

#### 1.2. Other means of identification

Part Number(s) : 6500|700002408

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : 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](mailto: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)

Carcinogenicity, Category 1A H350 May cause cancer.  
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) : Danger

Hazard statements (GHS CA) : H350 - May cause cancer.

Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P308+P313 - IF exposed or concerned: Get medical advice or attention.  
P405 - Store locked up.

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P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 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)
Ethanol	ethanol, ethyl alcohol	CAS-No.: 64-17-5	≥ 1 – < 5	Flam. Liq. 1, H224 Carc. 1A, H350
Basic Fuchsin	-	CAS-No.: 58969-01-0	≥ 0.1 – < 0.5	Acute Tox. 4 (Oral), H302 Carc. 2, H351

Full text of hazard classes and H-statements : see section 16

## 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.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
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	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
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.

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### 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. Notify authorities if product enters sewers or public waters.

### 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. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly.
Hygiene measures	: Separate working clothes from town clothes. Launder separately. 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	: Store locked up.
Storage temperature	: 2 – 30 °C
Packaging materials	: Always store product in container of same material as original container.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

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<b>Ethanol (64-17-5)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Ethanol (Ethyl alcohol)
OEL TWA	1880 mg/m <sup>3</sup>
	1000 ppm
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Ethyl alcohol (Ethanol) # Alcool éthylique (Éthanol)
VECD (OEL STEV)	1000 ppm
Notations and remarks	C3
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety # S-2.1, r. 13 - Règlement sur la santé et la sécurité du travail
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Ethanol
OEL STEL	1000 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Ethanol
OEL STEL	1880 mg/m <sup>3</sup>
	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
<b>Canada (New Brunswick) - Occupational Exposure Limits</b>	
Local name	Ethanol
OEL STEL	1000 ppm
Notations and remarks	URT irr
Regulatory reference	ACGIH
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Ethanol
OEL STEL	1880 mg/m <sup>3</sup>
	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Ethanol
OEL STEL	1880 mg/m <sup>3</sup>
	1000 ppm

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Ethanol (64-17-5)	
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Ethanol # Éthanol
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) # Règlement sur la santé et la sécurité au travail, Règ Nu 003-2016 (Modification R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Ethanol # Éthanol
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-124-2018) # Règlement sur la santé et la sécurité au travail R-039-2015 (R-124-2018)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWAEV	1000 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	Ethanol
OEL STEL	1880 mg/m <sup>3</sup> 1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWA	1000 ppm
OEL STEL	1250 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.

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### Hand protection:

Protective gloves

### Eye protection:

Safety glasses

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

### 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	: Clear Yellow
Odor	: Odorless Slight
Odor threshold	: No data available
pH	: 7 – 7.4
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

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### 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

Neogen® Ampouled Media, m-ENDO Broth	
Unknown acute toxicity (GHS CA)	1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 3% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 1% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Basic Fuchsin (58969-01-0)	
ATE CA (oral)	500 mg/kg body weight

Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg (Rat, male and female) (OECD Test Guideline 401)
LD50 dermal rabbit	> 2000 mg/kg rabbit, OECD Test Guideline 402
LC50 Inhalation - Rat	51 mg/l (Rat; 4 h; vapour) (OECD Test Guideline 403)
ATE CA (oral)	10470 mg/kg body weight
ATE CA (vapors)	51 mg/l/4h
ATE CA (dust,mist)	51 mg/l/4h

Skin corrosion/irritation	: Not classified. pH: 7 – 7.4
Serious eye damage/irritation	: Not classified pH: 7 – 7.4
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

Ethanol (64-17-5)	
NOAEL (chronic,oral,animal/male,2 years)	> 4250 mg/kg body weight (Mouse, male)(Target Organs: Liver)(Oral; 105 weeks; Frequency of treatment: 5 days/week)(OPPTS 870.4200)
NOAEL (chronic,oral,animal/female,2 years)	> 4000 mg/kg body weight (Mouse, female)(Target Organs: Liver)(Oral; 105 weeks; Frequency of treatment: 5 days/week)
IARC group	1 - Carcinogenic to humans

Reproductive toxicity	: Not classified
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Ethanol (64-17-5)	
NOAEL (animal/male, F1)	13.8 (Mouse, male and female)(OECD Test Guideline 416)Reduction in sperm motility.

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Ethanol (64-17-5)	
NOAEL (animal/female, F1)	13.8 (Mouse, male and female)(OECD Test Guideline 416)Reduction in sperm motility.

STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified

Ethanol (64-17-5)	
LOAEL (oral,rat,90 days)	3160 mg/kg bodyweight/day
NOAEL (oral,rat,28 days)	1730 mg/kg bodyweight/day
NOAEL (oral,rat,90 days)	3160 mg/kg bodyweight/day

Aspiration hazard : Not classified  
Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : None under normal conditions.  
Symptoms/effects after eye contact : None under normal conditions.  
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  
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

### 12.2. Persistence and degradability

Neogen® Ampouled Media, m-ENDO Broth	
Persistence and degradability	Not rapidly degradable

Basic Fuchsin (58969-01-0)	
Persistence and degradability	Not rapidly degradable

Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 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.

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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.

### SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
<b>14.1. UN Number</b>			
Not regulated for transport			
<b>14.2. UN Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group, if applicable</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
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 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

### SECTION 15 Regulatory information

#### Basic Fuchsin (58969-01-0)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### Ethanol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

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### Basic Fuchsin (58969-01-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### Ethanol (64-17-5)

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 : 05-15-2026  
Supersedes : 08-27-2025

### Full text of hazard classes and H-statements:

H224	Extremely flammable liquid and vapor
H302	Harmful if swallowed
H350	May cause cancer.
H351	Suspected of causing cancer.

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.