

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : YM-11 Agar  
Product code : 6904

#### 1.2. Other means of identification

Part Number(s) : 6904|6904A|400000475|700002430

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

No additional information available

#### 1.4. Details of manufacturer or importer

##### Manufacturer

Neogen Corporation  
620 Leshler Place  
Lansing Michigan 48912  
United States of America  
T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com) - <https://www.neogen.com/>

##### Importer

Neogen Australasia Pty Ltd  
14 Hume Drive  
Bundamba Queensland 4304  
Australia  
T 07 3736 2134  
[naa@neogen.com](mailto:naa@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)

Country/Area	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145 Westmead	13 11 26	

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Acute toxicity (oral), Category 4 H302  
Acute toxicity (dermal), Category 5 H313  
Carcinogenicity, Category 1B H350

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :    
Exclamation mark Health hazard mark

Signal word (GHS AU) : Danger

Contains : Chloramphenicol ( $\geq 0.1 - < 0.5$  %); Potassium phosphate dibasic anhydrous ( $\geq 1 - < 5$  %);  
Pancreatic digest of soy flour ( $\geq 25 - < 50$  %)

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

Hazard statements (GHS AU)	: H302 - Harmful if swallowed H313 - May be harmful in contact with skin H350 - May cause cancer
Precautionary statements (GHS AU)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P312 - Call a POISON CENTER or doctor if you feel unwell. P330 - Rinse mouth. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Unknown acute toxicity (GHS AU)	: 29.62% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 96.25% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 99.81% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Pancreatic digest of soy flour	68607-88-5	≥ 25 – < 50	Acute Tox. 4 (Oral), H302
Chloramphenicol	56-75-7	≥ 0.1 – < 0.5	Acute Tox. 5 (Oral), H303 Skin Corr./Irrit. Not classified Carc. 1B, H350
Other substances (not contributing to the classification of this product)	-	49.5 – 74.9	-

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
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.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.
Self protection of the first-aiders	: First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.
Symptoms/effects after skin contact	: May be harmful in contact with skin.
Symptoms/effects after eye contact	: None under normal conditions. Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	: Harmful if swallowed.

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam.  
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.  
General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions 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 : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.

##### 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 : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and materials for containment and cleaning up

- For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.  
Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

### 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. Do not get in eyes, on skin, or on clothing.  
Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

### 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	: Store always product in container of same material as original container.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. 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 inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: Beige
Odour	: Characteristic
Odour threshold	: No data available
pH	: 6.8 – 7.2
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Freezing point: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Flammability	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available
Explosive limits	: Not applicable
Minimum ignition energy	: No data available
Fat solubility	: No data available

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

### 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.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified

YM-11 Agar	
ATE AU (oral)	1106.376 mg/kg bodyweight
ATE AU (dermal)	2635.34 mg/kg bodyweight
Pancreatic digest of soy flour (68607-88-5)	
LD50 oral rat	≥ 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

Unknown acute toxicity (GHS AU)	: 29.62% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 96.25% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 99.81% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Skin corrosion/irritation	: Not classified. pH: 6.8 – 7.2
Serious eye damage/irritation	: Not classified pH: 6.8 – 7.2
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

YM-11 Agar	
Viscosity, kinematic	Not applicable

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor 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

Chloramphenicol (56-75-7)	
LC50 - Fish [1]	10 mg/l
ErC50 algae	0.78 mg/l
Partition coefficient n-octanol/water (Log Pow)	1.14 Source: HSDB

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

Pancreatic digest of soy flour (68607-88-5)	
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
LD50 oral rat	≥ 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

### 12.2. Persistence and degradability

YM-11 Agar	
Persistence and degradability	Not rapidly degradable

Chloramphenicol (56-75-7)	
Persistence and degradability	Biodegradable in water.

Pancreatic digest of soy flour (68607-88-5)	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

Chloramphenicol (56-75-7)	
Partition coefficient n-octanol/water (Log Pow)	1.14 Source: HSDB
Bioaccumulative potential	No bioaccumulation data available.

### 12.4. Mobility in soil

Chloramphenicol (56-75-7)	
Partition coefficient n-octanol/water (Log Pow)	1.14 Source: HSDB

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

YM-11 Agar	
Fluorinated greenhouse gases	False

Chloramphenicol (56-75-7)	
Fluorinated greenhouse gases	False

Pancreatic digest of soy flour (68607-88-5)	
Fluorinated greenhouse gases	False

## 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 : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

ADG	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
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not regulated

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : Contains substance(s) listed on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

#### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 23/09/2025

### Classification

Acute Tox. 4 (Oral)

H302

# YM-11 Agar

## Safety Data Sheet

according to the WHS Regulations

Classification	
Acute Tox. 5 (Dermal)	H313
Carc. 1B	H350

Full text of H-statements	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Carc. 1B	Carcinogenicity, Category 1B
Skin Corr./Irrit. Not classified	Skin corrosion/irritation Not classified
H302	Harmful if swallowed
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H350	May cause cancer

Safety Data Sheet (SDS), Australia

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.