

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Trade name : Dichloran Glycerol (DG-18) Agar Base
Product code : NCM0081

1.2. Other means of identification

Part Number(s) : NCM0081|400000792|700003197|NCM0081A|700003198|NCM0081B|700003199|NCM0081C|700004469|NCM0081D

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 Leshar Place
Lansing Michigan 48912
United States of America
T 800.234.5333
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 - <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 (dermal), Category 5 H313
Acute toxicity (inhalation:dust,mist) Category 4 H332
Carcinogenicity, Category 1B H350

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Exclamation mark Health hazard

Signal word (GHS AU) :

Danger

Contains

potassium dihydrogenorthophosphate ($\geq 1 - < 5\%$); Chloramphenicol ($\geq 0.1 - < 0.5\%$)

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| | |
|-----------------------------------|--|
| Hazard statements (GHS AU) | : H313 - May be harmful in contact with skin H332 - Harmful if inhaled 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. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER or doctor if you feel unwell. 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) | : 15.79% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 96.33% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 99.49% 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) |
|---|---------|---------------|--|
| 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) | - | 99.5 – 99.9 | - |

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. Call a poison center or a doctor if you feel unwell. |
| 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 | : 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 | : Harmful if inhaled. |
| 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 | : None under normal conditions. |

4.3. Medical attention and special treatment

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

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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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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. Avoid breathing dust/fume/gas/mist/vapours/spray. 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.

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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 | : 5.4 – 5.8 |
| 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 |

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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. |

SECTION 11: Toxicological information

| | |
|-----------------------------|---|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : May be harmful in contact with skin. |
| Acute toxicity (inhalation) | : Inhalation:dust,mist: Harmful if inhaled. |

| Dichloran Glycerol (DG-18) Agar Base | |
|--------------------------------------|---------------------------|
| ATE AU (dermal) | 2905.636 mg/kg bodyweight |
| ATE AU (dust,mist) | 4.067 mg/l/4h |

Unknown acute toxicity (GHS AU) : 15.79% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
96.33% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
99.49% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

| | |
|-----------------------------------|------------------------------------|
| Skin corrosion/irritation | : Not classified. pH: 5.4 – 5.8 |
| Serious eye damage/irritation | : Not classified pH: 5.4 – 5.8 |
| 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 |

| Dichloran Glycerol (DG-18) Agar Base | |
|--------------------------------------|----------------|
| 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 |

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12.2. Persistence and degradability

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| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Chloramphenicol (56-75-7)

| | |
|-------------------------------|-------------------------|
| Persistence and degradability | Biodegradable in water. |
|-------------------------------|-------------------------|

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

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| | |
|------------------------------|-------|
| Fluorinated greenhouse gases | False |
|------------------------------|-------|

Chloramphenicol (56-75-7)

| | |
|------------------------------|-------|
| 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

| ADG | IMDG | IATA |
|---|---------------|---------------|
| 14.1. UN number | | |
| Not regulated for transport | | |
| 14.2. UN Proper Shipping Name | | |
| Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | |
| Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | |
| Not regulated | Not regulated | Not regulated |

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| ADG | IMDG | IATA |
|------------------------------------|---------------|---------------|
| 14.5. Environmental hazards | | |
| 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 : 10/10/2025

| Classification | |
|-------------------------------------|------|
| Acute Tox. 5 (Dermal) | H313 |
| Acute Tox. 4 (Inhalation:dust,mist) | H332 |
| Carc. 1B | H350 |

Full text of H-statements

| | |
|-------------------------------------|--|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) 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 |

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| Full text of H-statements | |
|----------------------------------|--|
| Skin Corr./Irrit. Not classified | Skin corrosion/irritation Not classified |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H332 | Harmful if inhaled |
| 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.