



# Veratox® VIP for Cashew

Kit Product

## Kit identification

Trade name : Veratox® VIP for Cashew  
Product code : 8570  
Part Number(s) : 8570|700002605

## Details of the supplier of the Kit safety information sheet

### 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/>

## General information

Restrictions on use : Do not use kit components from one kit with any other kit.  
General description : This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). Articles, and otherwise immobilized and inaccessible chemicals, do not have a Safety Data Sheet in this packet.

## Kit contents

| Name                                | GHS classification  |
|-------------------------------------|---|
| Cashew-HRP Conjugate                | Skin Sens. 1, H317  |
| K-Blue® Advanced Plus TMB Substrate | Skin Corr./Irrit. Not classified  |
| Wash Buffer Concentrate, 25X        | Acute Tox. 5 (Dermal), H313   |
| Allergen Extraction Buffer          | Acute Tox. 5 (Dermal), H313<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319 |
| Multi-Level Controls - Cashew       | Not classified  |
| Red Stop Solution                   | Not classified  |

## Transport information

In accordance with ADG / IMDG / IATA

| ADG                         | IMDG | IATA |
|-----------------------------|------|------|
| <b>UN number</b>            |      |      |
| Not regulated for transport |      |      |

# Veratox® VIP for Cashew

## Kit Safety Information Sheet (SIS)

| ADG                               | IMDG          | IATA          |
|-----------------------------------|---------------|---------------|
| <b>UN Proper Shipping Name</b>    |               |               |
| Not regulated                     | Not regulated | Not regulated |
| <b>Transport hazard class(es)</b> |               |               |
| Not regulated                     | Not regulated | Not regulated |
| <b>Packing group</b>              |               |               |
| Not regulated                     | Not regulated | Not regulated |
| <b>Environmental hazards</b>      |               |               |
| Not regulated                     | Not regulated | Not regulated |

### Special precautions for user

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

### Additional information

Other information : No supplementary information available

### Transport by road and rail

Not regulated

### Transport by sea

Not regulated

### Air transport

Not regulated

### Hazchem or Emergency Action Code

Hazchem Code : Not applicable



# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

Issue date: 25/09/2025 Revision date: 2/06/2026 Supersedes: 25/09/2025 Version: 2.0

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### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Multi-Level Controls - Cashew

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Laboratory chemicals  
Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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)

Not classified

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

Unknown acute toxicity (GHS AU) : 98.72% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
98.72% 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

This mixture does not contain any substances to be mentioned according to the applicable regulations

# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

### SECTION 4: First aid measures

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

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice.  |
| 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 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. |
| 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. Medical attention and special treatment

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

### SECTION 5: Fire-fighting measures

#### 5.1. 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.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>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 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

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

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.                        |

##### 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. Stop leak if safe to do so.   |

#### 6.2. Environmental precautions

Avoid release to the environment.

# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

### 6.3. 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 without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures : 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 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 insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : Aqueous solution.
- Colour : Clear Colourless
- Odour : Odourless Slight
- Odour threshold : No data available
- pH : No data available
- pH solution : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point / Freezing point : Melting point: Not applicable
- Boiling point : No data available

# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

|   |                     |
|---|---------------------|
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| 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 |
| Explosive properties                            | : No data available |
| Explosive limits                                | : No data available |
| Minimum ignition energy                         | : No data available |
| Fat solubility                                  | : No data 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. |

### SECTION 11: Toxicological information

|                                   |  |
|-----------------------------------|--|
| Acute toxicity (oral)             | : Not classified   |
| Acute toxicity (dermal)           | : Not classified   |
| Acute toxicity (inhalation)       | : Not classified   |
| Unknown acute toxicity (GHS AU)   | : 98.72% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>98.72% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation         | : Not classified   |
| Serious eye damage/irritation     | : Not classified   |
| 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   |
| Aspiration hazard                 | : Not classified   |

### 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  |

#### 12.2. Persistence and degradability

| Multi-Level Controls - Cashew |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

### 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  
Other adverse effects : No additional information available

### Multi-Level Controls - Cashew

|                              |       |
|------------------------------|-------|
| 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 : 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 ADG / IMDG / IATA

| 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

# Multi-Level Controls - Cashew

## Safety Data Sheet

according to the WHS Regulations

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

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

Not applicable

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

Not applicable

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 2/06/2026

### Classification

|                |
|----------------|
| Not classified |
|----------------|

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.

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Cashew-HRP Conjugate

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Laboratory chemicals  
Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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)

Skin sensitisation, Category 1 H317

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

Hazard pictograms (GHS AU) :



Exclamation mark

Signal word (GHS AU) : Warning  
Contains : Proprietary Enzyme ( $\geq 50 - < 75$  %)  
Hazard statements (GHS AU) : H317 - May cause an allergic skin reaction  
Precautionary statements (GHS AU) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.

# Cashew-HRP Conjugate

## Safety Data Sheet

according to the WHS Regulations

|                                 |   |
|---------------------------------|---|
| Unknown acute toxicity (GHS AU) | : P321 - Specific treatment (see supplemental first aid instruction on this label).<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
|                                 | : 50% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>99.67% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>99.67% 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) |
|---|---------|-------------|--|
| StabilZyme SZ02 HRP Conjugate Stabilizer                                  | -       | ≥ 50 – < 75 | Skin Sens. 1, H317   |
| Other substances (not contributing to the classification of this product) | -       | 25 – 50     | -  |

## SECTION 4: First aid measures

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

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice.   |
| 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 or rash occurs: Get medical advice/attention. |
| 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-aider    | : 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.        |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : None under normal conditions.        |
| Symptoms/effects after ingestion    | : None under normal conditions.        |

### 4.3. Medical attention and special treatment

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

## SECTION 5: Fire-fighting measures

### 5.1. 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.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.   |

# Cashew-HRP Conjugate

## Safety Data Sheet

according to the WHS Regulations

### 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 : Stop leak if safe to do so. 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 : Ventilate spillage area. Avoid contact with skin and eyes. 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. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. 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 without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. 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 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.

# Cashew-HRP Conjugate

## Safety Data Sheet

according to the WHS Regulations

### 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 insufficient ventilation, wear suitable respiratory equipment |

#### Personal protective equipment symbol(s)



|                                 |                                     |
|---------------------------------|-------------------------------------|
| Environmental exposure controls | : Avoid release to the environment. |
|---------------------------------|-------------------------------------|

### SECTION 9: Physical and chemical properties

|   |                                 |
|---|---------------------------------|
| Physical state                                  | : Liquid                        |
| Appearance                                      | : Solution.                     |
| Colour  | : Clear Amber                   |
| Odour   | : Odourless Slight              |
| Odour threshold                                 | : No data available             |
| pH  | : No data available             |
| pH solution                                     | : No data available             |
| Relative evaporation rate (butylacetate=1)      | : No data available             |
| Melting point / Freezing point                  | : Melting point: Not applicable |
| Boiling point                                   | : No data available             |
| Flash point                                     | : No data available             |
| Auto-ignition temperature                       | : No data available             |
| 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             |
| Explosive properties                            | : No data available             |
| Explosive limits                                | : No data available             |
| Minimum ignition energy                         | : No data available             |
| Fat solubility                                  | : No data 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. |

### SECTION 11: Toxicological information

|                                 |   |
|---------------------------------|---|
| Acute toxicity (oral)           | : Not classified  |
| Acute toxicity (dermal)         | : Not classified  |
| Acute toxicity (inhalation)     | : Not classified  |
| Unknown acute toxicity (GHS AU) | : 50% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>99.67% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>99.67% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation       | : Not classified  |

# Cashew-HRP Conjugate

## Safety Data Sheet

according to the WHS Regulations

|                                   |  |
|-----------------------------------|--|
| Serious eye damage/irritation     | : Not classified                       |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |
| Reproductive toxicity             | : Not classified                       |
| STOT-single exposure              | : Not classified                       |
| STOT-repeated exposure            | : Not classified                       |
| Aspiration hazard                 | : Not classified                       |

### 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  |

#### 12.2. Persistence and degradability

| Cashew-HRP Conjugate          |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

| StabilZyme SZ02 HRP Conjugate Stabilizer |                        |
|--|------------------------|
| Persistence and degradability            | Not rapidly degradable |

#### 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                      |
| Other adverse effects | : No additional information available |

| Cashew-HRP Conjugate         |       |
|------------------------------|-------|
| 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 | : 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 ADG / IMDG / IATA

# Cashew-HRP Conjugate

## 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)

Not applicable

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

Not applicable

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 2/06/2026

| Classification |      |
|----------------|------|
| Skin Sens. 1   | H317 |

# Cashew-HRP Conjugate

## Safety Data Sheet

according to the WHS Regulations

---

| Full text of H-statements |                                     |
|---------------------------|-------------------------------------|
| Skin Sens. 1              | Skin sensitisation, Category 1      |
| H317                      | May cause an allergic skin reaction |

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.



# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations  
Issue date: 27/06/2025 Revision date: 20/05/2026 Supersedes: 5/05/2026 Version: 5.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : K-Blue® Advanced Plus TMB Substrate  
Product code : 379210

#### 1.2. Other means of identification

Part Number(s) : 379210|379171||379175|379176|379177|379257|379xxx|700006518|700006523

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

Recommended use : Scientific research and development  
Laboratory chemicals

#### 1.4. Details of manufacturer or importer

##### Supplier

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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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)

Not classified

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

Unknown acute toxicity (GHS AU) : 93.64% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
93.64% 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

This mixture does not contain any substances to be mentioned according to the applicable regulations

# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations

### SECTION 4: First aid measures

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

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice.  |
| 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 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. |
| 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. Medical attention and special treatment

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

### SECTION 5: Fire-fighting measures

#### 5.1. 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.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>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.              |
| Hazchem Code                   | : * 3Y  |

### 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.<br>Absorb spillage to prevent material damage. |
|------------------|--|

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

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.                        |

##### 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. Stop leak if safe to do so.   |

#### 6.2. Environmental precautions

Avoid release to the environment.

# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations

### 6.3. 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 without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures : 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.
- Packaging materials : Always store 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 insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : Clear
- Odour : Odourless
- Odour threshold : No data available
- pH :  $\geq 3.1 - \leq 3.4$
- pH solution : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point / Freezing point : Melting point: Not applicable
- Boiling point : No data available
- Flash point : No data available

# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations

|   |                     |
|---|---------------------|
| Auto-ignition temperature                       | : No data available |
| 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 |
| Explosive properties                            | : No data available |
| Explosive limits                                | : No data available |
| Minimum ignition energy                         | : No data available |
| Fat solubility                                  | : No data 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. |

### SECTION 11: Toxicological information

|                                   |  |
|-----------------------------------|--|
| Acute toxicity (oral)             | : Not classified   |
| Acute toxicity (dermal)           | : Not classified   |
| Acute toxicity (inhalation)       | : Not classified   |
| Unknown acute toxicity (GHS AU)   | : 93.64% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>93.64% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation         | : Not classified.<br>pH: $\geq 3.1 - \leq 3.4$   |
| Serious eye damage/irritation     | : Not classified<br>pH: $\geq 3.1 - \leq 3.4$  |
| 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   |
| Aspiration hazard                 | : Not classified   |

### 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  |

#### 12.2. Persistence and degradability

##### K-Blue® Advanced Plus TMB Substrate

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

# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations

### 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  
Other adverse effects : No additional information available

#### K-Blue® Advanced Plus TMB Substrate


|                              |       |
|------------------------------|-------|
| 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 : 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 ADG / IMDG / IATA

| ADG   | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN number</b>  |               |               |
| 1993  | Not regulated | Not regulated |
| <b>14.2. UN Proper Shipping Name</b>  |               |               |
| FLAMMABLE LIQUID, N.O.S.  | Not regulated | Not regulated |
| <b>Transport document description</b>   |               |               |
| Not applicable  | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b>   |               |               |
| 3   | Not regulated | Not regulated |
|  | Not regulated | Not regulated |
| <b>14.4. Packing group</b>  |               |               |
| III - Substances presenting low danger  | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>  |               |               |
| Dangerous for the environment: No   | Not regulated | Not regulated |

### 14.6. Special precautions for user

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

# K-Blue® Advanced Plus TMB Substrate

## Safety Data Sheet

according to the WHS Regulations

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

UN-No. (ADG) : 1993  
Special provision (ADG) : 223, 274  
Limited quantities (ADG) : 5I  
Excepted quantities (ADG) : E1  
Packing instructions (ADG) : P001, IBC03, LP01  
Portable tank and bulk container instructions (ADG) : T4  
Portable tank and bulk container special provisions (ADG) : TP1, TP29

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : \* 3Y

## 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)

Not applicable

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

Not applicable

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

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/05/2026

### Classification

Not classified

### Full text of H-statements

Skin Corr./Irrit. Not classified

Skin corrosion/irritation Not classified

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.



# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations  
Issue date: 27/06/2025 Revision date: 20/05/2026 Supersedes: 5/05/2026 Version: 5.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Red Stop Solution  
Product code : 301210

#### 1.2. Other means of identification

Part Number(s) : 301210|301471|301473|301474|301475|301476|700006516

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

Recommended use : Laboratory chemicals  
Scientific research and development

#### 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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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)

Not classified

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

Unknown acute toxicity (GHS AU) : 98.7% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
98.7% 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

This mixture does not contain any substances to be mentioned according to the applicable regulations

# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations

### SECTION 4: First aid measures

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

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice.  |
| 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 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. |
| 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. Medical attention and special treatment

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

### SECTION 5: Fire-fighting measures

#### 5.1. 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.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>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 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

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

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.                        |

##### 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. Stop leak if safe to do so.   |

#### 6.2. Environmental precautions

Avoid release to the environment.

# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations

### 6.3. 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 without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures : 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.
- Packaging materials : Always store 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 insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : Red
- Odour : Odourless
- Odour threshold : No data available
- pH : 8.7
- pH solution : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point / Freezing point : Melting point: Not applicable
- Boiling point : No data available
- Flash point : No data available

# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations

|   |                     |
|---|---------------------|
| Auto-ignition temperature                       | : No data available |
| 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 |
| Explosive properties                            | : No data available |
| Explosive limits                                | : No data available |
| Minimum ignition energy                         | : No data available |
| Fat solubility                                  | : No data 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. |

### SECTION 11: Toxicological information

|                                   |  |
|-----------------------------------|--|
| Acute toxicity (oral)             | : Not classified   |
| Acute toxicity (dermal)           | : Not classified   |
| Acute toxicity (inhalation)       | : Not classified   |
| Unknown acute toxicity (GHS AU)   | : 98.7% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>98.7% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation         | : Not classified<br>pH: 8.7  |
| Serious eye damage/irritation     | : Not classified<br>pH: 8.7  |
| 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   |
| Aspiration hazard                 | : Not classified   |

### 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  |

#### 12.2. Persistence and degradability

|                               |                        |
|-------------------------------|------------------------|
| <b>Red Stop Solution</b>      |                        |
| Persistence and degradability | Not rapidly degradable |

# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations

### 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  
Other adverse effects : No additional information available

#### Red Stop Solution

|                              |       |
|------------------------------|-------|
| 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 : 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 ADG / IMDG / IATA

| ADG                                     | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |
| Not applicable                          | Not regulated | Not regulated |
| <b>14.2. UN Proper Shipping Name</b>    |               |               |
| Not applicable                          | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |
| Not applicable                          | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |
| Not applicable                          | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |
| Not applicable                          | 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 applicable

**Transport by sea**  
Not regulated

# Red Stop Solution

## Safety Data Sheet

according to the WHS Regulations

### 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 : All the chemicals contained in this product are listed introductions

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

Not applicable

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

Not applicable

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

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/05/2026

### Classification

Not classified

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.

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Wash Buffer Concentrate, 25X  
Product code : 24269

#### 1.2. Other means of identification

Part Number(s) : 8428|24218|24269|400000123|400000128|700002567

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

Recommended use : Scientific research and development  
Laboratory chemicals  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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

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

Signal word (GHS AU) : Warning  
Contains : Disodium phosphate ( $\geq 1 - < 5\%$ )  
Hazard statements (GHS AU) : H313 - May be harmful in contact with skin  
Precautionary statements (GHS AU) : P312 - Call a POISON CENTER or doctor if you feel unwell.  
Unknown acute toxicity (GHS AU) : 95.95% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.08% 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

# Wash Buffer Concentrate, 25X

## Safety Data Sheet

according to the WHS Regulations

### SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

### SECTION 4: First aid measures

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

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : 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    | : 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.        |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. |
| Symptoms/effects after eye contact  | : None under normal conditions.        |
| Symptoms/effects after ingestion    | : None under normal conditions.        |

#### 4.3. Medical attention and special treatment

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

### SECTION 5: Fire-fighting measures

#### 5.1. 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.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>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 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

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

|                      |  |
|----------------------|--|
| Protective equipment | : Wear recommended personal protective equipment.                      |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin, eyes and clothing. |

##### 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. Stop leak if safe to do so.   |

# Wash Buffer Concentrate, 25X

## Safety Data Sheet

according to the WHS Regulations

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. 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 without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. 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.
- Packaging materials : Always store 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 insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : Clear Colourless
- Odour : Odourless
- Odour threshold : No data available
- pH : No data available
- pH solution : No data available

# Wash Buffer Concentrate, 25X

## Safety Data Sheet

according to the WHS Regulations

|   |                                 |
|---|---------------------------------|
| Relative evaporation rate (butylacetate=1)      | : No data available             |
| Melting point / Freezing point                  | : Melting point: Not applicable |
| Boiling point                                   | : No data available             |
| Flash point                                     | : No data available             |
| Auto-ignition temperature                       | : No data available             |
| 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             |
| Explosive properties                            | : No data available             |
| Explosive limits                                | : No data available             |
| Minimum ignition energy                         | : No data available             |
| Fat solubility                                  | : No data 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. |

### SECTION 11: Toxicological information

|                             |  |
|-----------------------------|--|
| Acute toxicity (oral)       | : Not classified                       |
| Acute toxicity (dermal)     | : May be harmful in contact with skin. |
| Acute toxicity (inhalation) | : Not classified                       |

#### Wash Buffer Concentrate, 25X

|                                   |  |
|-----------------------------------|--|
| ATE AU (dermal)                   | 2907.348 mg/kg bodyweight  |
| Unknown acute toxicity (GHS AU)   | : 95.95% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>99.08% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation         | : Not classified   |
| Serious eye damage/irritation     | : Not classified   |
| 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   |
| Aspiration hazard                 | : Not classified   |

### 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  |

# Wash Buffer Concentrate, 25X

## Safety Data Sheet

according to the WHS Regulations

### 12.2. Persistence and degradability

#### Wash Buffer Concentrate, 25X

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

### 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  
Other adverse effects : No additional information available

#### Wash Buffer Concentrate, 25X

|                              |       |
|------------------------------|-------|
| 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 : 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 ADG / IMDG / IATA

| 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

# Wash Buffer Concentrate, 25X

## Safety Data Sheet

according to the WHS Regulations

### 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) : All the chemicals contained in this product are listed introductions Inventory) status

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

Not applicable

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

Not applicable

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/05/2026

### Classification

|                       |      |
|-----------------------|------|
| Acute Tox. 5 (Dermal) | H313 |
|-----------------------|------|

### Full text of H-statements

|                       |                                     |
|-----------------------|-------------------------------------|
| Acute Tox. 5 (Dermal) | Acute toxicity (dermal), Category 5 |
|-----------------------|-------------------------------------|

|      |                                     |
|------|-------------------------------------|
| H313 | May be harmful in contact with skin |
|------|-------------------------------------|

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.

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Allergen Extraction Buffer  
Product code : 24435

#### 1.2. Other means of identification

Part Number(s) : 24435|400000177

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

Recommended use : Scientific research and development  
Laboratory chemicals  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 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  | Emergency number |
|--------------|---|------------------|
| Australia    | NSW Poisons Information Centre.<br>The Children's Hospital at Westmead.<br>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  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2A H319

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

Hazard pictograms (GHS AU) :   
Exclamation mark  
Signal word (GHS AU) : Warning  
Contains : Sodium bicarbonate (≥ 25 – < 50 %); Sodium carbonate (≥ 1 – < 5 %)  
Hazard statements (GHS AU) : H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation

# Allergen Extraction Buffer

## Safety Data Sheet

according to the WHS Regulations

|                                   |   |
|-----------------------------------|---|
| Precautionary statements (GHS AU) | : P264 - Wash hands, forearms and face thoroughly after handling.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P312 - Call a POISON CENTER or doctor if you feel unwell.<br>P321 - Specific treatment (see supplemental first aid instruction on this label).<br>P332+P313 - If skin irritation occurs: Get medical advice/attention.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |
| Unknown acute toxicity (GHS AU)   | : 65.85% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>65.85% 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)  |
|---|----------|-----------|---|
| Sodium carbonate  | 497-19-8 | ≥ 1 – < 5 | Acute Tox. 5 (Oral), H303<br>Acute Tox. 5 (Dermal), H313<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318 |
| Other substances (not contributing to the classification of this product) | -        | 95 – 99   | -   |

## SECTION 4: First aid measures

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

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : 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. 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 or a doctor if you feel unwell.   |
| Self protection of the first-aider    | : 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.                    |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. Irritation. |
| Symptoms/effects after eye contact  | : Eye irritation.                                  |
| Symptoms/effects after ingestion    | : None under normal conditions.                    |

### 4.3. Medical attention and special treatment

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

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

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

# Allergen Extraction Buffer

## Safety Data Sheet

according to the WHS Regulations

### 5.2. Specific hazards arising from the chemical

|  |  |
|--|--|
| Fire hazard                                      | : No fire hazard.  |
| Explosion hazard                                 | : No direct explosion hazard.  |
| General measures                                 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>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 | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.<br>Absorb spillage to prevent material damage. |
|------------------|--|

#### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Protective equipment | : Wear recommended personal protective equipment.                      |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin, eyes and clothing. |

#### 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. Stop leak if safe to do so.   |

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. 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 without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material.   |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. 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.   |
| Packaging materials | : Always store 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

# Allergen Extraction Buffer

## Safety Data Sheet

according to the WHS Regulations

### 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 insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance : Solution.  
Colour : Clear  
Odour : Odourless  
Odour threshold : No data available  
pH : 9.6 – 9.8  
pH solution : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : Melting point: Not applicable  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
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  
Explosive properties : No data available  
Explosive limits : No data available  
Minimum ignition energy : No data available  
Fat solubility : No data 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.

## SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified

# Allergen Extraction Buffer

## Safety Data Sheet

according to the WHS Regulations

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

| Allergen Extraction Buffer |                       |
|----------------------------|-----------------------|
| ATE AU (dermal)            | 2500 mg/kg bodyweight |

| Sodium carbonate (497-19-8)       |  |
|-----------------------------------|--|
| LD50 oral rat                     | 2800 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))               |
| LD50 oral                         | 2800 mg/kg   |
| LD50 dermal rabbit                | > 2000 mg/kg (16 CFR 1500.40, 24 h, Rabbit, Experimental value, Dermal, 14 day(s)) |
| LD50 dermal                       | 2500 mg/kg   |
| LC50 Inhalation - Rat (Dust/Mist) | 1.2 mg/l/4h  |

Unknown acute toxicity (GHS AU) : 65.85% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
65.85% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Skin corrosion/irritation : Causes skin irritation.  
pH: 9.6 – 9.8

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 9.6 – 9.8

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

Aspiration hazard : Not classified

| Sodium carbonate (497-19-8) |                        |
|-----------------------------|------------------------|
| Viscosity, kinematic        | Not applicable (solid) |

## 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

| Sodium carbonate (497-19-8)                     |  |
|---|--|
| LC50 - Fish [1]                                 | 300 mg/l (96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Lethal)                   |
| EC50 - Crustacea [1]                            | 200 – 227 mg/l (48 h, Ceriodaphnia sp., Semi-static system, Fresh water, Experimental value, Locomotor effect) |
| EC50 - Crustacea [2]                            | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.  |
| Partition coefficient n-octanol/water (Log Pow) | -6.19 Source: Quantitative Structure Activity Relation   |
| LD50 dermal rabbit                              | > 2000 mg/kg (16 CFR 1500.40, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))                             |
| LD50 oral rat                                   | 2800 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))   |

# Allergen Extraction Buffer

## Safety Data Sheet

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### 12.2. Persistence and degradability

#### Allergen Extraction Buffer

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

#### Sodium carbonate (497-19-8)

|                               |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

|                              |                            |
|------------------------------|----------------------------|
| Chemical oxygen demand (COD) | Not applicable (inorganic) |
|------------------------------|----------------------------|

|      |                            |
|------|----------------------------|
| ThOD | Not applicable (inorganic) |
|------|----------------------------|

### 12.3. Bioaccumulative potential

#### Sodium carbonate (497-19-8)

|   |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | -6.19 Source: Quantitative Structure Activity Relation |
|---|--|

|                           |                      |
|---------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |
|---------------------------|----------------------|

### 12.4. Mobility in soil

#### Sodium carbonate (497-19-8)

|                 |                                     |
|-----------------|-------------------------------------|
| Surface tension | No data available in the literature |
|-----------------|-------------------------------------|

|                |                                       |
|----------------|---------------------------------------|
| Ecology - soil | Low potential for adsorption in soil. |
|----------------|---------------------------------------|

|   |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | -6.19 Source: Quantitative Structure Activity Relation |
|---|--|

### 12.5. Other adverse effects

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

#### Allergen Extraction Buffer

|                              |       |
|------------------------------|-------|
| 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 : 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 ADG / IMDG / IATA

| 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 |

# Allergen Extraction Buffer

## Safety Data Sheet

according to the WHS Regulations

| ADG                                | IMDG          | IATA          |
|------------------------------------|---------------|---------------|
| <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 : All the chemicals contained in this product are listed introductions Inventory) status

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

Not applicable

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

Not applicable

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 2/06/2026

| Classification        |      |
|-----------------------|------|
| Acute Tox. 5 (Dermal) | H313 |
| Skin Irrit. 2         | H315 |
| Eye Irrit. 2A         | H319 |

### 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              |

# Allergen Extraction Buffer

## Safety Data Sheet

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| Full text of H-statements |  |
|---------------------------|--|
| Acute Tox. 5 (Oral)       | Acute toxicity (oral), Category 5              |
| Eye Dam. 1                | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2A             | Serious eye damage/eye irritation, Category 2A |
| Skin Corr. 1              | Skin corrosion/irritation, Category 1          |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2          |
| H303                      | May be harmful if swallowed                    |
| H313                      | May be harmful in contact with skin            |
| H314                      | Causes severe skin burns and eye damage        |
| H315                      | Causes skin irritation                         |
| H318                      | Causes serious eye damage                      |
| H319                      | Causes serious eye irritation                  |
| H332                      | Harmful if inhaled                             |

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.