



# Trazodone Forensic ELISA Kit

Kit Product

## Kit identification

### Kit identifier

Product name : Trazodone Forensic ELISA Kit  
Part Number(s) : 132815|132819

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

#### Supplier

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

#### Manufacturer

Neogen Corporation  
944 Nandino  
Lexington, Kentucky 40511  
U.S.A.  
T 859-254-1221  
[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_CA_CLASSIF\$Text»                                     |
|-------------------------------|---|
| K-Blue Advanced TMB Substrate | Repr. 1B, H360  |
| Acid Stop Solution            | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Carc. 1A, H350 |
| 10X Wash Buffer               | Not classified  |
| Negative Control (LS)         | Not classified  |
| Trazodone Positive Control    | Not classified  |
| Trazodone-HRP Conjugate       | Not classified  |

## Transport information

In accordance with TDG / DOT / IMDG / IATA

| DOT                               | TDG            | IMDG           | IATA           |
|-----------------------------------|----------------|----------------|----------------|
| <b>UN number</b>                  |                |                |                |
| Not regulated for transport       |                |                |                |
| <b>Proper Shipping Name</b>       |                |                |                |
| Not applicable                    | Not applicable | Not applicable | Not applicable |
| <b>Transport hazard class(es)</b> |                |                |                |
| Not applicable                    | Not applicable | Not applicable | Not applicable |

# Trazodone Forensic ELISA Kit

## Kit Product

| DOT                                    | TDG            | IMDG           | IATA           |
|--|----------------|----------------|----------------|
| <b>Packing group</b>                   |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable |
| <b>Environmental hazards</b>           |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable |
| No supplementary information available |                |                |                |

### Special precautions for user

#### DOT

No data available

#### TDG

No data available

#### IMDG

No data available

#### IATA

No data available

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable



# 10X Wash Buffer

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 06-25-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : 10X Wash Buffer  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 25001

#### 1.2. Other means of identification

Part Number(s) : 25001|25112|27038|301176|301177

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

Use of the substance/mixture : Laboratory chemicals, Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Not classified

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

##### GHS CA labeling

No labeling applicable

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

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

# 10X Wash Buffer

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 4 First-aid measures

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

|   |   |
|---|---|
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact         | : Wash skin with plenty of water.   |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                       |
| First-aid measures general                    | : If you feel unwell, seek medical advice.  |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

#### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

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

### SECTION 5 Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Specific hazards arising from the chemical

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

#### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

# 10X Wash Buffer

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

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

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

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

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## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

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

No additional information available

## SECTION 10 Stability and reactivity

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

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| 10X Wash Buffer                 |   |
|---------------------------------|---|
| Unknown acute toxicity (GHS CA) | 1.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>1.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>1.31% 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 |

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according to the Hazardous Products Regulation (WHMIS 2015)

|                                     |                                 |
|-------------------------------------|---------------------------------|
| STOT-single exposure                | : Not classified                |
| STOT-repeated exposure              | : Not classified                |
| Aspiration hazard                   | : Not classified                |
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12 Ecological information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

#### 10X Wash Buffer

|                               |                        |
|-------------------------------|------------------------|
| 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 |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                  | DOT           | IMDG          | IATA          |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN Number</b>               |               |               |               |
| Not regulated for transport          |               |               |               |
| <b>14.2. UN Proper Shipping Name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

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| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

No additional information available

## SECTION 16 Other Information

Issue date : 06-25-2025

Safety Data Sheet (SDS), Canada

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

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : K-Blue® Advanced TMB Substrate  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 21266

#### 1.2. Other means of identification

Part Number(s) : 21266|27090|319171|319175|319176|319177|319210|319257|319xxx

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

Use of the substance/mixture : Laboratory chemicals, Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification


#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Reproductive toxicity, Category 1B H360 May damage fertility or the unborn child.  
Full text of H statements : see section 16

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

##### GHS CA labeling

Hazard pictograms (GHS CA) : 

Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H360 - May damage fertility or the unborn child  
Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P308+P313 - IF exposed or concerned: Get medical advice or attention.  
P405 - Store locked up.

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

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

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name            | Chemical name / Synonyms  | Product identifier | %          | Classification (GHS CA)              |
|-----------------|---|--------------------|------------|--------------------------------------|
| 2-Pyrrolidinone | 2-Pyrrolidinone<br>2-ketopyrrolidine /<br>2-ketopyrrolidone<br>/ 2-oxopyrrolidine<br>/ 2-pyrol / 2-<br>pyrrolidinone / 2-<br>pyrrolidon usp / 2-<br>pyrrolidone / 4-<br>aminobutyric acid<br>lactam / alpha-<br>pyrrolidinone /<br>alpha-pyrrolidone<br>/ butanoic acid, 4-<br>amino-, lactam /<br>butyrolactam(=2-<br>pyrrolidone) /<br>gamma-<br>aminobutyric acid<br>lactam / gamma-<br>aminobutyric<br>lactam / gamma-<br>aminobutyrolacta<br>m / gamma-<br>butyrolactam /<br>lam / pyrrolidon<br>dest. / pyrrolidone | CAS-No.: 616-45-5  | ≥ 5 – < 10 | Eye Irrit. 2, H319<br>Repr. 1B, H360 |

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

## SECTION 4 First-aid measures

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

|   |   |
|---|---|
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact         | : Wash skin with plenty of water.   |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                       |
| First-aid measures general                    | : IF exposed or concerned: Get medical advice/attention.                          |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

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according to the Hazardous Products Regulation (WHMIS 2015)

### 4.2. Most important symptoms/effects, acute and delayed

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : None under normal conditions.             |
| Symptoms/effects after skin contact | : None under normal conditions.             |
| Symptoms/effects after eye contact  | : None under normal conditions.             |
| Symptoms/effects after ingestion    | : None under normal conditions.             |
| Chronic symptoms                    | : May damage fertility or the unborn child. |

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

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

## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

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

### 5.2. Specific hazards arising from the chemical

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

### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. |
| Hygiene measures              | : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                  |

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## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 7.2. Conditions for safe storage, including any incompatibilities

|                     |   |
|---------------------|---|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : Store locked up.  |
| Packaging materials | : Store always product in container of same material as original container. |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

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

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

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                              | : Liquid            |
| Appearance                                  | : No data available |
| Color                                       | : Clear light blue  |
| Odor  | : Characteristic    |
| Odor threshold                              | : No data available |
| pH  | : 3.1 – 3.5         |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Relative evaporation rate (ether=1)         | : No data available |
| Melting point                               | : Not applicable    |

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|   |                     |
|---|---------------------|
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20°C                  | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Explosion limits                                | : No data available |
| Particle characteristics                        | : No data available |

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

No additional information available

## SECTION 10 Stability and reactivity

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

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| K-Blue® Advanced TMB Substrate  |  |
|---------------------------------|--|
| Unknown acute toxicity (GHS CA) | 5.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>5.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>5.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| 2-Pyrrolidinone (616-45-5)      |  |
| LD50 oral rat                   | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity),<br>Guideline: EU Method B.1 (Acute Toxicity (Oral))   |
| LD50 dermal rabbit              | > 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)   |
| Skin corrosion/irritation       | : Not classified.<br>pH: 3.1 – 3.5   |

| 2-Pyrrolidinone (616-45-5)    |                                   |
|-------------------------------|-----------------------------------|
| pH                            | 8 – 9 (10 %)                      |
| Serious eye damage/irritation | : Not classified<br>pH: 3.1 – 3.5 |

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| 2-Pyrrolidinone (616-45-5)        |   |
|-----------------------------------|---|
| pH                                | 8 – 9 (10 %)                                |
| Respiratory or skin sensitization | : Not classified                            |
| Germ cell mutagenicity            | : Not classified                            |
| Carcinogenicity                   | : Not classified                            |
| Reproductive toxicity             | : May damage fertility or the unborn child. |
| STOT-single exposure              | : Not classified                            |
| STOT-repeated exposure            | : Not classified                            |

| 2-Pyrrolidinone (616-45-5) |   |
|----------------------------|---|
| NOAEL (oral,rat,90 days)   | 207 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| Aspiration hazard          | : Not classified  |

| 2-Pyrrolidinone (616-45-5)          |   |
|-------------------------------------|---|
| Viscosity, kinematic                | 9.009 mm <sup>2</sup> /s                    |
| 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.             |
| Chronic symptoms                    | : May damage fertility or the unborn child. |

## SECTION 12 Ecological information

### 12.1. Toxicity

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

| 2-Pyrrolidinone (616-45-5) |  |
|----------------------------|--|
| LC50 - Fish [1]            | 4600 – 10000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value) |
| EC50 - Crustacea [1]       | > 500 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value)   |
| ErC50 algae                | > 500 mg/l (DIN 38412-9, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value)                    |
| EC50 72h - Algae [1]       | > 500 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                      |

### 12.2. Persistence and degradability

| K-Blue® Advanced TMB Substrate  |                                    |
|---------------------------------|------------------------------------|
| Persistence and degradability   | Not rapidly degradable             |
| 2-Pyrrolidinone (616-45-5)      |                                    |
| Persistence and degradability   | Readily biodegradable in water.    |
| Biochemical oxygen demand (BOD) | 1.16 g O <sub>2</sub> /g substance |

# K-Blue® Advanced TMB Substrate

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| 2-Pyrrolidinone (616-45-5)   |                                    |
|------------------------------|------------------------------------|
| Chemical oxygen demand (COD) | 1.69 g O <sub>2</sub> /g substance |
| ThOD                         | 2.44 g O <sub>2</sub> /g substance |

### 12.3. Bioaccumulative potential

| 2-Pyrrolidinone (616-45-5)                      |  |
|---|--|
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500).   |
| BCF - Fish [1]                                  | 3.16 l/kg (BCFBAF v3.00, Fresh water, Calculated value)  |
| Partition coefficient n-octanol/water (Log Pow) | -0.71 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C) |

### 12.4. Mobility in soil

| 2-Pyrrolidinone (616-45-5)                                 |  |
|--|--|
| Mobility in soil   | 17 Source: National Library of Medicine/Hazardous Substances Data Bank |
| Ecology - soil   | Highly mobile in soil.   |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.868 (log Koc, Calculated value)                                      |

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.1. UN Number</b>                    |               |               |               |
| Not regulated for transport               |               |               |               |
| <b>14.2. UN Proper Shipping Name</b>      |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |

# K-Blue® Advanced TMB Substrate

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                    | DOT           | IMDG          | IATA          |
|--|---------------|---------------|---------------|
| <b>14.5. Environmental hazards</b>     |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated |
| No supplementary information available |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

### 2-Pyrrolidinone (616-45-5)

Listed on the Canadian DSL (Domestic Substances List)

### 2-Pyrrolidinone (616-45-5)

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

Listed on INSQ (Mexican National Inventory of Chemical Substances)

## SECTION 16 Other Information

Issue date : 06-26-2025

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

|      |  |
|------|--|
| H319 | Causes serious eye irritation            |
| H360 | May damage fertility or the unborn child |

Safety Data Sheet (SDS), Canada

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

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Acid Stop Solution  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 21336

#### 1.2. Other means of identification

Part Number(s) : 21336|27044|27045|27046|301576|301577

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

Use of the substance/mixture : Laboratory chemicals, Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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/>

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

|   |      |                                |
|---|------|--------------------------------|
| Skin corrosion/irritation, Category 2         | H315 | Causes skin irritation.        |
| Serious eye damage/eye irritation, Category 2 | H319 | Causes serious eye irritation. |
| Carcinogenicity, Category 1A                  | H350 | May cause cancer.              |

Full text of H statements : see section 16

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

##### GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H350 - May cause cancer.

Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice or attention.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

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

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name          | Chemical name / Synonyms  | Product identifier | %         | Classification (GHS CA)   |
|---------------|---|--------------------|-----------|---|
| Sulfuric acid | Sulfuric acid<br>battery acid / BOV<br>/ brown acid /<br>brown oil of vitriol<br>/ dihydrogen<br>sulfate / dipping<br>acid / electrolyte<br>acid /<br>hydrogensulfate /<br>matting acid /<br>mattling acid /<br>nordhausen acid /<br>oil of vitriol /<br>sulfate of<br>hydrogen /<br>sulfuric<br>acid, anhydrous /<br>sulfuric-acid- /<br>sulphuric acid /<br>vitriol / vitriol,<br>brown oil | CAS-No.: 7664-93-9 | ≥ 1 – < 5 | Met. Corr. 1, H290<br>Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 2 (Inhalation:dust,mist),<br>H330<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Carc. 1A, H350<br>Aquatic Acute 3, H402<br>Aquatic Chronic 1, H410 |

## SECTION 4 First-aid measures

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

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

|   |  |
|---|--|
| First-aid measures after skin contact         | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.   |
| First-aid measures after eye contact          | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.  |
| First-aid measures general                    | : IF exposed or concerned: Get medical advice/attention.   |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment.  |

### 4.2. Most important symptoms/effects, acute and delayed

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

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

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

## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

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

### 5.2. Specific hazards arising from the chemical

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

### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Store locked up.
- Packaging materials : Store always product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

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

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

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

##### Personal protective equipment symbol(s):



# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

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

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

No additional information available

### SECTION 10 Stability and reactivity

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

### SECTION 11 Toxicological information

#### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Acid Stop Solution              |   |
|---------------------------------|---|
| Unknown acute toxicity (GHS CA) | 2.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) |
| Sulfuric acid (7664-93-9)       |   |
| LD50 oral rat                   | 2140 mg/kg body weight (Rat, Experimental value, Oral, 14 day(s))                 |

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Sulfuric acid (7664-93-9)         |   |
|-----------------------------------|---|
| LD50 oral                         | 2140 mg/kg  |
| LC50 Inhalation - Rat             | 0.375 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| LC50 Inhalation - Rat (Dust/Mist) | 0.375 mg/l/4h   |
| LC50 Inhalation - Rat (Vapors)    | 0.375 mg/l/4h   |
| ATE CA (oral)                     | 2140 mg/kg body weight  |
| ATE CA (Gases)                    | 100 ppmV/4h   |
| ATE CA (vapors)                   | 0.375 mg/l/4h   |
| ATE CA (dust,mist)                | 0.375 mg/l/4h   |

Skin corrosion/irritation : Causes skin irritation.

| Sulfuric acid (7664-93-9) |                  |
|---------------------------|------------------|
| pH                        | 0.3 Source: HSDB |

Serious eye damage/irritation : Causes serious eye irritation.

| Sulfuric acid (7664-93-9) |                  |
|---------------------------|------------------|
| pH                        | 0.3 Source: HSDB |

Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : May cause cancer.

| Sulfuric acid (7664-93-9)              |                            |
|--|----------------------------|
| IARC group                             | 1 - Carcinogenic to humans |
| National Toxicity Program (NTP) Status | Known Human Carcinogens    |

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

| Sulfuric acid (7664-93-9) |                           |
|---------------------------|---------------------------|
| Viscosity, kinematic      | 12.228 mm <sup>2</sup> /s |

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

## SECTION 12 Ecological information

### 12.1. Toxicity

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

| Sulfuric acid (7664-93-9) |  |
|---------------------------|--|
| LC50 - Fish [1]           | 16 – 28 mg/l (96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Lethal) |

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Sulfuric acid (7664-93-9) |  |
|---------------------------|--|
| ErC50 algae               | > 100 mg/l                                 |
| NOEC chronic fish         | 0.025 mg/l                                 |
| NOEC (chronic)            | 0.15 mg/l Test organisms (species): other: |
| NOEC chronic crustacea    | 0.15 mg/l                                  |

### 12.2. Persistence and degradability

| Acid Stop Solution            |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

| Sulfuric acid (7664-93-9)     |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| BOD (% of ThOD)               | Not applicable                    |

### 12.3. Bioaccumulative potential

| Sulfuric acid (7664-93-9)                       |                        |
|---|------------------------|
| Bioaccumulative potential                       | Not bioaccumulative.   |
| Partition coefficient n-octanol/water (Log Pow) | -2.2 (Estimated value) |

### 12.4. Mobility in soil

| Sulfuric acid (7664-93-9) |   |
|---------------------------|---|
| Ecology - soil            | No (test)data on mobility of the substance available. |

### 12.5. Other adverse effects

Ozone : Not classified  
Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
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.

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                  | DOT           | IMDG          | IATA          |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN Number</b>               |               |               |               |
| Not regulated for transport          |               |               |               |
| <b>14.2. UN Proper Shipping Name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

### Sulfuric acid (7664-93-9)

#### Listed on the Canadian DSL (Domestic Substances List)

Canada DSL & NDSL Flags

Significant New Activity (SNAc) provisions of the Act apply

### Sulfuric acid (7664-93-9)

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

Listed on INSQ (Mexican National Inventory of Chemical Substances)

## SECTION 16 Other Information

Issue date : 06-25-2025

Revision date : 06-25-2025

Supersedes : 06-25-2025

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

|      |   |
|------|---|
| H290 | May be corrosive to metals              |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation                  |

# Acid Stop Solution

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Full text of hazard classes and H-statements: |  |
|---|--|
| H318  | Causes serious eye damage                            |
| H319  | Causes serious eye irritation                        |
| H330  | Fatal if inhaled                                     |
| H350  | May cause cancer.                                    |
| H402  | Harmful to aquatic life                              |
| H410  | Very toxic to aquatic life with long lasting effects |

Safety Data Sheet (SDS), Canada

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



# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 07-08-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Negative Control  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 25008

#### 1.2. Other means of identification

Part Number(s) : 25008

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

Use of the substance/mixture : Scientific research and development, Laboratory chemicals  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Not classified

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

##### GHS CA labeling

No labeling applicable

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

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 4 First-aid measures

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

|   |   |
|---|---|
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact         | : Wash skin with plenty of water.   |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                       |
| First-aid measures general                    | : If you feel unwell, seek medical advice.  |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

#### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

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

### SECTION 5 Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Specific hazards arising from the chemical

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

#### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

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

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

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

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

No additional information available

## SECTION 10 Stability and reactivity

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

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

### Negative Control

|                                 |   |
|---------------------------------|---|
| Unknown acute toxicity (GHS CA) | 1.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>1.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>1.31% 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 |

# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

|                                     |                                 |
|-------------------------------------|---------------------------------|
| STOT-single exposure                | : Not classified                |
| STOT-repeated exposure              | : Not classified                |
| Aspiration hazard                   | : Not classified                |
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12 Ecological information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

#### Negative Control

|                               |                        |
|-------------------------------|------------------------|
| 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 |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                  | DOT           | IMDG          | IATA          |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN Number</b>               |               |               |               |
| Not regulated for transport          |               |               |               |
| <b>14.2. UN Proper Shipping Name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

# Negative Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

No additional information available

## SECTION 16 Other Information

Issue date : 07-08-2025

Safety Data Sheet (SDS), Canada

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



# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 07-09-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : Trazodone Positive Control  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 25485

#### 1.2. Other means of identification

Part Number(s) : 25485

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

Use of the substance/mixture : Laboratory chemicals, Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Not classified

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

##### GHS CA labeling

No labeling applicable

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

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 4 First-aid measures

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

|   |   |
|---|---|
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact         | : Wash skin with plenty of water.   |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                       |
| First-aid measures general                    | : If you feel unwell, seek medical advice.  |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

#### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

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

### SECTION 5 Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Specific hazards arising from the chemical

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

#### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

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

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

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

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

No additional information available

## SECTION 10 Stability and reactivity

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

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

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

| Trazodone Positive Control      |  |
|---------------------------------|--|
| Unknown acute toxicity (GHS CA) | 100% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>100% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>100% 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 |

# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

|                                     |                                 |
|-------------------------------------|---------------------------------|
| STOT-single exposure                | : Not classified                |
| STOT-repeated exposure              | : Not classified                |
| Aspiration hazard                   | : Not classified                |
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12 Ecological information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

#### Trazodone Positive Control

|                               |                        |
|-------------------------------|------------------------|
| 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 |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                  | DOT           | IMDG          | IATA          |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN Number</b>               |               |               |               |
| Not regulated for transport          |               |               |               |
| <b>14.2. UN Proper Shipping Name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

# Trazodone Positive Control

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

No additional information available

## SECTION 16 Other Information

Issue date : 07-09-2025

Safety Data Sheet (SDS), Canada

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



# Trazodone-HRP Conjugate

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 07-09-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : Trazodone-HRP Conjugate  
Type of product : Life Sciences -- [Life Sciences]  
Product code : 21426

#### 1.2. Other means of identification

Part Number(s) : 21426

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

Use of the substance/mixture : Laboratory chemicals, Scientific research and development  
Restrictions on use : Do not use kit components from one kit with any other kit.

#### 1.4. Supplier's details

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

#### 1.5. Emergency phone number

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

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Not classified

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

##### GHS CA labeling

No labeling applicable

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

No additional information available

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of schedule 1, item 3 of the Hazardous Products Regulations.

# Trazodone-HRP Conjugate

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 4 First-aid measures

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

|   |   |
|---|---|
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.                  |
| First-aid measures after skin contact         | : Wash skin with plenty of water.   |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.  |
| First-aid measures after ingestion            | : Call a poison center/doctor/physician if you feel unwell.                       |
| First-aid measures general                    | : If you feel unwell, seek medical advice.  |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

#### 4.2. Most important symptoms/effects, acute and delayed

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

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

### SECTION 5 Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Specific hazards arising from the chemical

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

#### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

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

|   |   |
|---|---|
| For containment                             | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. |
| Methods for cleaning up                     | : Take up liquid spill into absorbent material.   |
| Other information                           | : Dispose of materials or solid residues at an authorized site.   |
| For further information refer to section 13 |   |

# Trazodone-HRP Conjugate

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

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

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

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

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

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

No additional information available

## SECTION 10 Stability and reactivity

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

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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|---------------------------------|---|
| Unknown acute toxicity (GHS CA) | 50% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>50% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>50% 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 |

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|                                     |                                 |
|-------------------------------------|---------------------------------|
| STOT-single exposure                | : Not classified                |
| STOT-repeated exposure              | : Not classified                |
| Aspiration hazard                   | : Not classified                |
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12 Ecological information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

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|                               |                        |
|-------------------------------|------------------------|
| 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 |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                  | DOT           | IMDG          | IATA          |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN Number</b>               |               |               |               |
| Not regulated for transport          |               |               |               |
| <b>14.2. UN Proper Shipping Name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

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according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

No additional information available

## SECTION 16 Other Information

Issue date : 07-09-2025

Safety Data Sheet (SDS), Canada

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