



# Neogen® Clean-Trace® Water Plus - Total ATP

Kit Product

## Kit identification

Trade name : Neogen® Clean-Trace® Water Plus - Total ATP  
Product code : AQT200  
Part Number(s) : AQT200|700002100

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

### Manufacturer

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/>

## General information

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

## Kit contents

| Name                       | GHS classification                               |
|----------------------------|--------------------------------------------------|
| Clean-Trace ATD Extractant | Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412 |
| Clean-Trace LSA Enzyme     | Not classified                                   |

## Transport information

In accordance with TDG / DOT / IMDG / IATA

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

# Neogen® Clean-Trace® Water Plus - Total ATP

## Kit Safety Information Sheet (SIS)

| TDG                                    | DOT | IMDG | IATA |
|----------------------------------------|-----|------|------|
| No supplementary information available |     |      |      |

### Special precautions for user

**TDG**  
Not regulated

**DOT**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

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

Not applicable



# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 07-24-2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

|                 |                                |
|-----------------|--------------------------------|
| Product form    | : Mixture                      |
| Trade name      | : Clean-Trace® ATD Extractant  |
| Type of product | : Food Safety -- [Food Safety] |
| Product code    | : 400001133                    |

#### 1.2. Other means of identification

|                |             |
|----------------|-------------|
| Part Number(s) | : 400001133 |
|----------------|-------------|

#### 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:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>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)

|                                                                  |      |                                                    |
|------------------------------------------------------------------|------|----------------------------------------------------|
| Hazardous to the aquatic environment, Acute Hazard, Category 3   | H402 | Harmful to aquatic life.                           |
| Hazardous to the aquatic environment, Chronic Hazard, Category 3 | H412 | Harmful to aquatic life with long lasting effects. |
| Full text of H statements : see section 16                       |      |                                                    |

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

##### GHS CA labeling

|                                   |                                                                                                                                                                                                                          |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements (GHS CA)        | : H402 - Harmful to aquatic life<br>H412 - Harmful to aquatic life with long lasting effects                                                                                                                             |
| Precautionary statements (GHS CA) | : P273 - Avoid release to the environment.<br>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

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name    | Chemical name / Synonyms                                                                                                                                                                                                                  | Product identifier | %         | Classification (GHS CA)                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|---------------------------------------------------------------|
| Tricine | N-[2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]glycine<br>glycine, N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]- / N-(tri(hydroxymethyl)methyl)glycine / N-[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]glycine / N-[tris-(hydroxymethyl)methyl] glycine | CAS-No.: 5704-04-1 | ≥ 1 – < 5 | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335 |

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 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.               |

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 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         | : Collect spillage. 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.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment.                  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Technical measures  | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : Keep cool. Protect from sunlight.                                         |
| Storage temperature | : 2 – 30 °C                                                                 |
| 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.

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 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            |
| Appearance                                      | : No data available |
| Color                                           | : Colorless         |
| Odor                                            | : Slight            |
| Odor threshold                                  | : No data available |
| pH                                              | : 8.5               |
| 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

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 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 |

| Clean-Trace® ATD Extractant     |                                                                                                                                                                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unknown acute toxicity (GHS CA) | 1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>1.74% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |

| Tricine (5704-04-1) |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat       | > 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s)) |

|                                   |                             |
|-----------------------------------|-----------------------------|
| Skin corrosion/irritation         | : Not classified<br>pH: 8.5 |
| Serious eye damage/irritation     | : Not classified<br>pH: 8.5 |
| Respiratory or skin sensitization | : Not classified            |
| Germ cell mutagenicity            | : Not classified            |
| Carcinogenicity                   | : Not classified            |
| Reproductive toxicity             | : Not classified            |
| STOT-single exposure              | : Not classified            |

| Tricine (5704-04-1)  |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

|                                     |                                 |
|-------------------------------------|---------------------------------|
| 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                                         | : Harmful to aquatic life. Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Harmful to aquatic life.                                                    |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                          |

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Tricine (5704-04-1)  |                                                  |
|----------------------|--------------------------------------------------|
| LC50 - Fish [1]      | > 100 mg/l                                       |
| EC50 - Crustacea [1] | > 100 mg/l                                       |
| EC50 96h - Algae [1] | 145000 mg/l (ECOSAR, Algae, QSAR)                |
| EC50 96h - Algae [2] | ≈ 92560.04 mg/l Test organisms (species): other: |

### 12.2. Persistence and degradability

| Clean-Trace® ATD Extractant   |                                 |
|-------------------------------|---------------------------------|
| Persistence and degradability | Not rapidly degradable          |
| Tricine (5704-04-1)           |                                 |
| Persistence and degradability | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| Tricine (5704-04-1)                             |                             |
|-------------------------------------------------|-----------------------------|
| Bioaccumulative potential                       | Not bioaccumulative.        |
| Partition coefficient n-octanol/water (Log Pow) | -2.87 (QSAR, KOWWIN, 25 °C) |

### 12.4. Mobility in soil

| Tricine (5704-04-1)                                        |                                                         |
|------------------------------------------------------------|---------------------------------------------------------|
| Mobility in soil                                           | -2.298 Source: Quantitative Structure Activity Relation |
| Ecology - soil                                             | Highly mobile in soil.                                  |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1 (log Koc, SRC PCKOCWIN v2.0, 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 |
|-----------------------------|-----|------|------|
| 14.1. UN Number             |     |      |      |
| Not regulated for transport |     |      |      |

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT           | IMDG          | IATA          |
|-------------------------------------------|---------------|---------------|---------------|
| <b>14.2. UN Proper Shipping Name</b>      |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b>   |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |               |               |               |
| Not regulated                             | Not regulated | Not regulated | Not regulated |
| No supplementary information available    |               |               |               |

### 14.6. Special precautions for user

#### TDG

Not regulated

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

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

Not applicable

## SECTION 15 Regulatory information

### Tricine (5704-04-1)

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

Canada DSL & NDSL Flags

Significant New Activity (SNAc) provisions of the Act apply

### Tricine (5704-04-1)

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

## SECTION 16 Other Information

Issue date : 07-24-2025

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

|      |                                  |
|------|----------------------------------|
| H315 | Causes skin irritation           |
| H319 | Causes serious eye irritation    |
| H335 | May cause respiratory irritation |

# Clean-Trace® ATD Extractant

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Full text of hazard classes and H-statements: |                                                   |
|-----------------------------------------------|---------------------------------------------------|
| H402                                          | Harmful to aquatic life                           |
| H412                                          | Harmful 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.



# Clean-Trace® LSA Enzyme

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Issue date: 10-29-2024 Revision date: 07-24-2025 Supersedes: 10-29-2024 Version: 2.0

### SECTION 1 Identification

#### 1.1. GHS Product identifier

|                 |                                |
|-----------------|--------------------------------|
| Product form    | : Mixture                      |
| Trade name      | : Clean-Trace® LSA Enzyme      |
| Type of product | : Food Safety -- [Food Safety] |
| Product code    | : 400001134                    |

#### 1.2. Other means of identification

|                |             |
|----------------|-------------|
| Part Number(s) | : 400001134 |
|----------------|-------------|

#### 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:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>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.

# Clean-Trace® LSA Enzyme

## 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. |                                                                                                                                                                                       |

# Clean-Trace® LSA Enzyme

## 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.                                         |
| Storage temperature | : 2 – 30 °C                                                                 |
| 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):



# Clean-Trace® LSA Enzyme

## 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                                      | : No data available |
| Color                                           | : Colorless         |
| Odor                                            | : Slight            |
| Odor threshold                                  | : No data available |
| pH                                              | : 6.4               |
| Relative evaporation rate (butyl acetate=1)     | : No data available |
| Relative evaporation rate (ether=1)             | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20°C                  | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Explosion limits                                | : No data available |
| Particle characteristics                        | : No data available |

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

No additional information available

### 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            |
| Skin corrosion/irritation         | : Not classified<br>pH: 6.4 |
| Serious eye damage/irritation     | : Not classified<br>pH: 6.4 |
| Respiratory or skin sensitization | : Not classified            |
| Germ cell mutagenicity            | : Not classified            |
| Carcinogenicity                   | : Not classified            |

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|                                     |                                 |
|-------------------------------------|---------------------------------|
| Reproductive toxicity               | : Not classified                |
| 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

#### Clean-Trace® LSA Enzyme

|                               |                        |
|-------------------------------|------------------------|
| 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 applicable         | Not applicable | Not regulated | Not regulated |

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according to the Hazardous Products Regulation (WHMIS 2015)

| TDG                                       | DOT            | IMDG          | IATA          |
|-------------------------------------------|----------------|---------------|---------------|
| <b>14.2. UN Proper Shipping Name</b>      |                |               |               |
| Not applicable                            | Not applicable | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b>   |                |               |               |
| Not applicable                            | Not applicable | Not regulated | Not regulated |
| <b>14.4. Packing group, if applicable</b> |                |               |               |
| Not applicable                            | Not applicable | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>        |                |               |               |
| Not applicable                            | Not applicable | Not regulated | Not regulated |
| No supplementary information available    |                |               |               |

### 14.6. Special precautions for user

#### TDG

Not applicable

#### DOT

Not applicable

#### 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 : 10-29-2024  
Revision date : 07-24-2025  
Supersedes : 10-29-2024

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.