

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

---

### SECTION 1. IDENTIFICATION

Product name : UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L  
Product code : 893.124  
Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Würth Canada Limited  
Address : 345 Hanlon Creek Blvd  
GUELPH, ON N1C 0A1  
Telephone : +1 (905) 564 6225  
Telefax : +1 (905) 564 3671  
Emergency telephone : Emergencies involving a spill, fire, explosion or exposure:  
CHEMTREC (24/7): 1-800-424-9300  
Transport related emergencies:  
CANUTEC (24/7): 1-613-996-6666 or \* 666 (cell)  
  
Urgences impliquant un déversement, incendie, explosion ou exposition:  
CHEMTREC (24/7): 1-800-424-9300  
Urgences liées au transport:  
CANUTEC (24/7): 1-613-996-6666 ou \* 666 (cellulaire)  
  
E-mail address : prodsafe@wurth.ca

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

Recommended use : Cleaning agent  
Detergent  
  
Restrictions on use : Not applicable

---

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Serious eye damage : Category 1

#### GHS label elements

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.

Precautionary Statements :

**Prevention:**

P280 Wear eye protection and face protection.

**Response:**

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

**Other hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Components**

| Chemical name  | Common Name/Synonym  | CAS-No.    | Concentration (% w/w) |
|--|--|------------|-----------------------|
| 2,2',2''-Nitrilotriethanol                             | Triethanolamine  | 102-71-6   | $\geq 1 - < 5$ *      |
| Alcohols, (C=9-11) - iso-, (C=10) -rich, ethoxylated   | Ethoxylated branched C9-11, C10-rich alcohols              | 78330-20-8 | $\geq 1 - < 5$ *      |
| Sodium etasulfate                                      | Sulfuric acid, mono(2-ethylhexyl) ester, sodium salt (1:1) | 126-92-1   | $\geq 1 - < 5$ *      |
| Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol | Alcohols, C12-14, ethoxylated                              | 68439-50-9 | $\geq 1 - < 5$ *      |

\* Actual concentration or concentration range is withheld as a trade secret

### SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

---

- If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water.  
Remove contaminated clothing and shoes.  
Get medical attention.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water  
for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention immediately.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Causes serious eye damage.
- Protection of first-aiders : First Aid responders should pay attention to self-protection,  
and use the recommended personal protective equipment  
when the potential for exposure exists (see section 8).
- Notes to physician : Treat symptomatically and supportively.
- 

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Not applicable  
Will not burn
- Unsuitable extinguishing media : Not applicable  
Will not burn
- Specific hazards during fire fighting : Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NOx)  
Sulfur oxides  
Metal oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
-

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

Environmental precautions : Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

### SECTION 7. HANDLING AND STORAGE

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use only with adequate ventilation.

Advice on safe handling : Do not get on skin or clothing. Avoid inhalation of vapor or mist. Do not swallow. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Keep container tightly closed. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage : Keep in properly labeled containers. Keep tightly closed. Store in accordance with the particular national regulations.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

Materials to avoid : No special restrictions on storage with other products.

Recommended storage temperature : > 5 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

| Components                 | CAS-No.  | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis     |
|----------------------------|----------|-------------------------------|--|-----------|
| 2,2',2''-Nitrilotriethanol | 102-71-6 | TWA                           | 5 mg/m <sup>3</sup>                            | CA AB OEL |
|                            |          | TWA                           | 5 mg/m <sup>3</sup>                            | CA BC OEL |
|                            |          | TWA                           | 0.5 ppm<br>3.1 mg/m <sup>3</sup>               | CA ON OEL |
|                            |          | TWAEV                         | 5 mg/m <sup>3</sup>                            | CA QC OEL |
|                            |          | TWA                           | 5 mg/m <sup>3</sup>                            | ACGIH     |

**Engineering measures** : Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

#### Personal protective equipment

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Combined particulates and organic vapor type

#### Hand protection

Material : Nitrile rubber  
Break through time : > 60 min  
Glove thickness : 0.35 mm

Remarks : Wash hands before breaks and at the end of workday. Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection : Wear the following personal protective equipment: Chemical resistant goggles must be worn. If splashes are likely to occur, wear: Face-shield

Skin and body protection : Select appropriate protective clothing based on chemical

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

resistance data and an assessment of the local exposure potential.  
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.  
When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Appearance                                       | : liquid                                |
| Color  | : green                                 |
| Odor   | : fruity                                |
| Odor Threshold                                   | : No data available                     |
| pH   | : 8 - 9 (20 °C)<br>Concentration: 100 % |
| Melting point/freezing point                     | : No data available                     |
| Initial boiling point and boiling range          | : 100 °C<br>(1,013 hPa)                 |
| Flash point                                      | : No data available                     |
| Evaporation rate                                 | : No data available                     |
| Flammability (solid, gas)                        | : Not applicable                        |
| Flammability (liquids)                           | : Will not burn                         |
| Upper explosion limit / Upper flammability limit | : No data available                     |
| Lower explosion limit / Lower flammability limit | : No data available                     |
| Vapor pressure                                   | : 23 hPa (20 °C)                        |
| Relative vapor density                           | : No data available                     |

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

---

|  |   |  |
|--|---|--|
| Density                                | : | 1.025 - 1.045 g/cm <sup>3</sup> (20 °C)<br>(as liquid)   |
| Solubility(ies)<br>Water solubility    | : | completely miscible                                      |
| Partition coefficient: n-octanol/water | : | Not applicable   |
| Autoignition temperature               | : | No data available  |
| Decomposition temperature              | : | No data available  |
| Viscosity<br>Viscosity, kinematic      | : | No data available  |
| Explosive properties                   | : | Not explosive  |
| Oxidizing properties                   | : | The substance or mixture is not classified as oxidizing. |
| Particle size                          | : | Not applicable   |

---

### SECTION 10. STABILITY AND REACTIVITY

|                                    |   |  |
|------------------------------------|---|--|
| Reactivity                         | : | Not classified as a reactivity hazard.         |
| Chemical stability                 | : | Stable under normal conditions.                |
| Possibility of hazardous reactions | : | None known.                                    |
| Conditions to avoid                | : | None known.                                    |
| Incompatible materials             | : | None.  |
| Hazardous decomposition products   | : | No hazardous decomposition products are known. |

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

Not classified based on available information.

#### Product:

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

### Components:

#### **2,2',2''-Nitrilotriethanol:**

Acute oral toxicity : LD50 (Rat): 6,400 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

#### **Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:**

Acute oral toxicity : LD50 (Rat): > 500 - 2,000 mg/kg  
Remarks: Based on data from similar materials

#### **Sodium etasulfate:**

Acute oral toxicity : LD50 (Rat): 2,840 mg/kg

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Remarks: Based on data from similar materials

#### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Acute oral toxicity : LD50 (Rat): > 500 - 2,000 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 1.6 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Remarks: Based on data from similar materials

### **Skin corrosion/irritation**

Not classified based on available information.

### Components:

#### **2,2',2''-Nitrilotriethanol:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

#### **Sodium etasulfate:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Skin irritation  
Remarks : Based on data from similar materials



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

---

### Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:

Species : Rabbit  
Result : No skin irritation  
Remarks : Based on data from similar materials

### Serious eye damage/eye irritation

Causes serious eye damage.

### Components:

#### 2,2',2''-Nitrilotriethanol:

Species : Rabbit  
Result : No eye irritation

#### Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:

Result : Irreversible effects on the eye  
Remarks : Based on data from similar materials

#### Sodium etasulfate:

Species : Rabbit  
Result : Irreversible effects on the eye  
Remarks : Based on data from similar materials

### Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:

Species : Rabbit  
Result : Irreversible effects on the eye  
Remarks : Based on data from similar materials

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

### Components:

#### 2,2',2''-Nitrilotriethanol:

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

#### Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

---

Method : OECD Test Guideline 406  
Result : negative  
Remarks : Based on data from similar materials

### **Sodium etasulfate:**

Test Type : Local lymph node assay (LLNA)  
Routes of exposure : Skin contact  
Species : Mouse  
Result : negative  
Remarks : Based on data from similar materials

### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative  
Remarks : Based on data from similar materials

### **Germ cell mutagenicity**

Not classified based on available information.

### **Components:**

#### **2,2',2"-Nitrilotriethanol:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

#### **Sodium etasulfate:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Test Type: Chromosome aberration test in vitro  
Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)  
Species: Mouse  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

#### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

---

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **2,2',2''-Nitrilotriethanol:**

Species : Rat  
Application Route : Skin contact  
Exposure time : 103 weeks  
Result : negative

#### **Sodium etasulfate:**

Species : Rat  
Application Route : Ingestion  
Exposure time : 2 Years  
Result : negative  
Remarks : Based on data from similar materials

### **Reproductive toxicity**

Not classified based on available information.

### **Components:**

#### **2,2',2''-Nitrilotriethanol:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 416  
Result: negative

Effects on fetal development : Test Type: Reproduction/Developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 421  
Result: negative

#### **Sodium etasulfate:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

### **STOT-single exposure**

Not classified based on available information.

### **STOT-repeated exposure**

Not classified based on available information.

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

---

### Components:

#### **2,2',2''-Nitrilotriethanol:**

Assessment : No significant health effects observed in animals at concentrations of 200 mg/kg bw or less., No significant health effects observed in animals at concentrations of 0.2 mg/l/6h/d or less.

### **Repeated dose toxicity**

### Components:

#### **2,2',2''-Nitrilotriethanol:**

Species : Rat  
NOAEL :  $\geq 1,000$  mg/kg  
Application Route : Ingestion  
Exposure time : 90 Days

Species : Rat  
NOAEL :  $\geq 0.5$  mg/l  
Application Route : inhalation (dust/mist/fume)  
Exposure time : 28 Days  
Method : OECD Test Guideline 412

Species : Rat  
NOAEL : 125 mg/kg  
Application Route : Skin contact  
Exposure time : 90 Days

#### **Sodium etasulfate:**

Species : Rat  
NOAEL :  $> 100$  mg/kg  
Application Route : Ingestion  
Exposure time : 13 Weeks  
Remarks : Based on data from similar materials

Species : Mouse  
NOAEL :  $> 100$  mg/kg  
Application Route : Skin contact  
Exposure time : 13 Weeks  
Remarks : Based on data from similar materials

### **Aspiration toxicity**

Not classified based on available information.

---

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

### Components:

#### **2,2',2''-Nitrilotriethanol:**

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 11,800 mg/l  
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 609.88 mg/l  
Exposure time: 48 h
- Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): 512 mg/l  
Exposure time: 72 h  
Test substance: Neutralized product
- EC10 (Desmodesmus subspicatus (green algae)): 26 mg/l  
Exposure time: 72 h  
Test substance: Neutralized product
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 16 mg/l  
Exposure time: 21 d
- Toxicity to microorganisms : IC50: > 1,000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

### Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10 - 100 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l  
Exposure time: 48 h  
Remarks: Based on data from similar materials

### Sodium etasulfate:

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 483 mg/l  
Exposure time: 48 h  
Method: Directive 67/548/EEC, Annex V, C.2.
- Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): > 511 mg/l  
Exposure time: 72 h  
Method: Directive 67/548/EEC, Annex V, C.3.
- EC10 (Desmodesmus subspicatus (green algae)): 199 mg/l  
Exposure time: 72 h  
Method: Directive 67/548/EEC, Annex V, C.3.
- Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): > 1 mg/l  
Exposure time: 42 d

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

---

Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia): > 1 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

Toxicity to microorganisms : EC50: > 100 mg/l  
Exposure time: 3 h  
Remarks: Based on data from similar materials

### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l  
Exposure time: 48 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): > 0.1 - 1 mg/l  
Exposure time: 21 d  
Remarks: Based on data from similar materials

### **Persistence and degradability**

#### **Components:**

##### **2,2',2"-Nitrilotriethanol:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 96 %  
Exposure time: 19 d

##### **Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:**

Biodegradability : Result: rapidly degradable  
Remarks: Based on data from similar materials

##### **Sodium etasulfate:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 89.3 %  
Exposure time: 28 d

##### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Biodegradability : Result: rapidly degradable  
Remarks: Based on data from similar materials

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

### Bioaccumulative potential

#### Components:

##### **2,2',2''-Nitrilotriethanol:**

Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): < 3.9

Partition coefficient: n-octanol/water : log Pow: -1.9

##### **Alcohols, (C=9-11) -iso-, (C=10) -rich, ethoxylated:**

Bioaccumulation : Bioconcentration factor (BCF): < 500  
Remarks: Based on data from similar materials

##### **Sodium etasulfate:**

Partition coefficient: n-octanol/water : log Pow: -0.248  
Method: OECD Test Guideline 123

##### **Alpha-(C12-C14 Alkyl) omega-Hydroxy PolyethyleneGlycol:**

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): < 500  
Remarks: Based on data from similar materials

#### **Mobility in soil**

No data available

#### **Other adverse effects**

No data available

---

## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Do not dispose of waste into sewer.  
Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
If not otherwise specified: Dispose of as unused product.

---

## SECTION 14. TRANSPORT INFORMATION

### **International Regulations**

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

Version 1.1      Revision Date: 01/10/2024      SDS Number: 11323745-00002      Date of last issue: 12/19/2023  
Date of first issue: 12/19/2023

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

### Domestic regulation

### TDG

Not regulated as a dangerous good

### Special precautions for user

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Volatile organic compounds (VOC) content**      CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products  
VOC content: 0.09 %

### The ingredients of this product are reported in the following inventories:

DSL      :    All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

ACGIH      :    USA. ACGIH Threshold Limit Values (TLV)  
CA AB OEL      :    Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)  
CA BC OEL      :    Canada. British Columbia OEL  
CA ON OEL      :    Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.  
CA QC OEL      :    Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants  
ACGIH / TWA      :    8-hour, time-weighted average  
CA AB OEL / TWA      :    8-hour Occupational exposure limit  
CA BC OEL / TWA      :    8-hour time weighted average  
CA ON OEL / TWA      :    Time-Weighted Average Limit (TWA)  
CA QC OEL / TWAEV      :    Time-weighted average exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## UNIVERSAL WORKSHOP CLEANER, Concentrated, 5 L

|         |                |                |                                 |
|---------|----------------|----------------|---------------------------------|
| Version | Revision Date: | SDS Number:    | Date of last issue: 12/19/2023  |
| 1.1     | 01/10/2024     | 11323745-00002 | Date of first issue: 12/19/2023 |

x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date : 01/10/2024  
Date format : mm/dd/yyyy

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CA / Z8