



VMIX - DAILY WASHROOM CLEANER

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 14/04/2017

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Version: 10.0

VMIX - DAILY WASHROOM CLEANER

V100

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : VMIX - DAILY WASHROOM CLEANER
Product code : V100
Type of product : Technical product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Hard surface cleaner for washrooms

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SELDEN RESEARCH LIMITED STADEN LANE, BUXTON, DERBYSHIRE, SK17 9RZ, UNITED KINGDOM
Tel: 01298 26226 Fax: 01298 26540 Email: safety@selden.co.uk

1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 01298 26226

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Full text of H-phrases: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazardous ingredients :

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether, Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether, l-(+)-Lactic acid, N,N-dimethyltetradecylamine N-oxide

Hazard statements (CLP) :

H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (CLP) :

P264 - Wash hands thoroughly after handling
P280 - Wear eye protection, protective gloves
P302+P352 - IF ON SKIN: Wash with plenty of soap, 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
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention

EUH phrases :

EUH208 - Contains Hexyl cinnamic aldehyde. May produce an allergic reaction

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|--------|--|--|
| Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether | (CAS No) Polymer_DT03 | 5 - 15 | Xn; R22 Xi; R41 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether | (CAS No) Polymer_DT01 | 1 - 5 | Xn; R22 Xi; R41 | Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 |
| l-(+)-Lactic acid | (CAS No) 79-33-4 (EC no) 201-196-2 (REACH-no) 01-2119474164-39 | 1 - 5 | Xi; R41 Xi; R38 | Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| sulphamidic acid, sulphamic acid, sulfamic acid | (CAS No) 5329-14-6 (EC no) 226-218-8 (EC index no) 016-026-00-0 | 1 - 5 | Xi; R36/38 R52/53 | Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 |
| Citric acid | (CAS No) 77-92-9 (EC no) 201-069-1 (REACH-no) 01-2119457026-42 | 1 - 5 | Xi; R36 | Eye Irrit. 2, H319 |
| N,N-dimethyltetradecylamine N-oxide | (CAS No) 3332-27-2 (EC no) 222-059-3 (REACH-no) 01-2119949262-37 | 1 - 5 | Xi; R41 Xi; R38 N; R50 | Skin Irrit. 2, H315 Eye Dam. 1, H318 |

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : IF IN EYES: 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 : Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Repeated exposure may cause skin dryness or cracking.
- Symptoms/injuries after eye contact : Causes eye irritation.
- Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
 Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes.
 Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.
 Storage conditions : Keep container closed when not in use.
 Incompatible products : Oxidizing agent. Strong acids. Strong bases.
 Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Materials for protective clothing : Not required for normal conditions of use
 Hand protection : Protective gloves
 Eye protection : Safety glasses
 Skin and body protection : Not required for normal conditions of use
 Respiratory protection : Not required for normal conditions of use



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Appearance : Liquid.
 Colour : red.
 Odour : Floral.
 Odour threshold : No data available
 pH : 1.7
 Relative evaporation rate (butylacetate=1) : No data available
 Melting point : No data available
 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) : No data available
 Vapour pressure : No data available
 Relative vapour density at 20 °C : No data available
 Relative density : 1.03
 Solubility : No data available
 Log Pow : No data available
 Viscosity, kinematic : No data available

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| | |
|----------------------|---------------------|
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|---|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Causes skin irritation. pH: 1.7 |
| Serious eye damage/irritation | : Causes serious eye irritation. pH: 1.7 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

| Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Polymer_DT03) | |
|--|------------------------------------|
| LC50 fishes 1 | > 10 - 100 mg/l |
| EC50 Daphnia 1 | > 10 - 100 mg/l |
| ErC50 (other aquatic plants) | > 10 - 100 mg/l |
| Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Polymer_DT01) | |
| LC50 fishes 1 | > 10 - 100 mg/l |
| EC50 Daphnia 1 | > 10 - 100 mg/l |
| ErC50 (other aquatic plants) | > 10 - 100 mg/l |
| l-(+)-Lactic acid (79-33-4) | |
| LC50 fishes 1 | 195 mg/l |
| EC50 other aquatic organisms 1 | 130 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 2800 mg/l IC50 algae (72 h) mg/l |
| Citric acid (77-92-9) | |
| LC50 fishes 1 | > 100 mg/l |
| EC50 other aquatic organisms 1 | 85 mg/l |
| EC50 other aquatic organisms 2 | IC50 algae (72 h) mg/l |

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| N,N-dimethyltetradecylamine N-oxide (3332-27-2) | |
|--|------------------------------------|
| LC50 fishes 1 | 2.4 mg/l |
| EC50 other aquatic organisms 1 | 1.1 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 0.08 mg/l IC50 algea (72 h) mg/l |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Citric acid (77-92-9) | |
|------------------------------|-------|
| Log Pow | -1.64 |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
 Proper Shipping Name (IMDG) : Not applicable
 Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

ADR
 Transport hazard class(es) (ADR) : Not applicable

IMDG
 Transport hazard class(es) (IMDG) : Not applicable

IATA
 Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
 Packing group (IMDG) : Not applicable
 Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
 Marine pollutant : No
 Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)
 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

| | |
|-----------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H412 | Harmful to aquatic life with long lasting effects |
| EUH208 | Contains . May produce an allergic reaction |

SDS EU

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