

Safety Data Sheet

according to WHS Regulations



Printing date 02.02.2024

Version number 1.1

Revision: 22.09.2023

1 Identification

- **Product identifier**
- **Trade name: VISO-CLEAN**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Cleaning material/ Detergent
Only for proper handling.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MOTOREX AG
Bern-Zürich-Strasse 31, Postfach
CH-4901 Langenthal
Tel. +41 (0)62 919 75 75
www.motorex.com

A1 Accessory Imports
60-62 Burchill St.
Loganholme
4129 QLD
Australia
Phone : 07 3451 1300
- **Further information obtainable from: msds@motorex.com**
- **Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard-determining components of labelling:**
2-butoxyethanol
- **Hazard statements** Void
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|----------------------------|--|--------|
| CAS: 64-17-5 | ethanol | 10-25% |
| EINECS: 200-578-6 | Flam. Liq. 2, H225; Eye Irrit. 2, H319 | |
| Index number: 603-002-00-5 | | |

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CAS: 111-76-2

EINECS: 203-905-0

Index number: 603-014-00-0

2-butoxyethanol

Acute Tox. 3, H331; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319

2.5-7.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
The recommended storage temperature is (deg.C): ≤50°C
- **Storage class:** 11
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

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· Ingredients with limit values that require monitoring at the workplace:**64-17-5 ethanol**WES Long-term value: 1880 mg/m³, 1000 ppm**111-76-2 2-butoxyethanol**WES Short-term value: 242 mg/m³, 50 ppm
Long-term value: 96.9 mg/m³, 20 ppm
Sk**· DNELs****64-17-5 ethanol**

| | | |
|------------|--|----------------------------------|
| Oral | DNEL/general population/Systemic effects/Long-term | 87 mg/kg/24h (consumer) |
| Dermal | DNEL / Workers / Systemic effects / Long-term | 343 mg/kg/24h (worker) |
| Inhalative | DNEL/general population/Systemic effects/Long-term | 206 mg/kg/24h (consumer) |
| | DNEL / Workers / Systemic effects / Long-term | 950 mg/m ³ (worker) |
| | DNEL/Workers/Local effects/acute-short term | 1,900 mg/m ³ (worker) |
| | DNEL/general population/Systemic effects/Long-term | 114 mg/m ³ (consumer) |
| | DNEL/general pop/Local effects/acute-short term | 950 mg/m ³ (consumer) |

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| | | |
|------------|--|----------------------------------|
| Oral | DNEL/general population/Systemic effects/Long-term | 6.3 mg/kg/24h (consumer) |
| | DNEL/general pop/Systemic effects/acute-short term | 26.7 mg/kg/24h (consumer) |
| Dermal | DNEL / Workers / Systemic effects / Long-term | 125 mg/kg/24h (worker) |
| | DNEL/Workers/Systemic effects/acute-short term | 89 mg/kg/24h (worker) |
| Inhalative | DNEL/general population/Systemic effects/Long-term | 75 mg/kg/24h (consumer) |
| | DNEL/general pop/Systemic effects/acute-short term | 89 mg/kg/24h (consumer) |
| | DNEL / Workers / Systemic effects / Long-term | 98 mg/m ³ (worker) |
| | DNEL/Workers/Systemic effects/acute-short term | 1,091 mg/m ³ (worker) |
| | DNEL/Workers/Local effects/acute-short term | 246 mg/m ³ (worker) |
| | DNEL/general population/Systemic effects/Long-term | 59 mg/m ³ (consumer) |
| | DNEL/general pop/Systemic effects/acute-short term | 426 mg/m ³ (consumer) |
| | DNEL/general pop/Local effects/acute-short term | 147 mg/m ³ (consumer) |

· PNECs**64-17-5 ethanol**

| | | |
|------|--|--|
| Oral | PNEC / Predators / Secondary poisoning | 380-720 mg/kg food (secondary poisoning (predators)) |
| | PNEC / Aquatic organisms / Freshwater | 0.96 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Marine water | 0.79 mg/l (aquatic organisms) |
| | PNEC/Aquatic organisms/Sewage treatment plant/STP | 580 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Sediment (freshwater) | 3.6 mg/kg (aquatic organisms) |
| | PNEC / Aquatic organisms / Sediment (marine water) | 2.9 mg/kg (aquatic organisms) |
| | PNEC / Terrestrial organism / Soil | 0.63 mg/kg (terrestrial organisms) |

111-76-2 2-butoxyethanol

| | | |
|------|---|---|
| Oral | PNEC / Predators / Secondary poisoning | 20 mg/kg food (secondary poisoning (predators)) |
| | PNEC / Aquatic organisms / Freshwater | 8.8 mg/l (aquatic organisms) |
| | PNEC / Aquatic organisms / Marine water | 0.88 mg/l (aquatic organisms) |

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| | |
|--|------------------------------------|
| PNEC/Aquatic org/intermittent releases(freshwater) | 9.1 mg/l (aquatic organisms) |
| PNEC/Aquatic organisms/Sewage treatment plant/STP | 463 mg/l (aquatic organisms) |
| PNEC / Aquatic organisms / Sediment (freshwater) | 34.6 mg/kg (aquatic organisms) |
| PNEC / Terrestrial organism / Soil | 2.33 mg/kg (terrestrial organisms) |

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Protective work clothing

9 Physical and Chemical Properties

- **General Information**
- **Appearance:**
- **Form:** Fibres
- **Colour:** Whitish
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** >100 °C
- **Flammability (solid, gas):** Not determined.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Vapour pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density** Not determined.
- **Vapour density** Not applicable.

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- | | |
|--|--|
| · Evaporation rate | Not applicable. |
| · Solubility in / Miscibility with water: | Insoluble. |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: | |
| · Dynamic: | Not applicable. |
| · Kinematic: | Not applicable. |
| · Other information | No further relevant information available. |

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

64-17-5 ethanol

| | | |
|------------|-----------|---|
| Oral | LD50 | 8,300 mg/kg (mouse) 1,187-15,010 mg/kg (rat) |
| | LD50 | 7,800-22,500 ml/kg (rat) |
| Inhalative | NOAEL | 9,700 mg/kg/24h (mouse) |
| | LC50 / 6h | 82.1-92.6 mg/l (rat) |
| | LC50 / 4h | 115.9-133.8 mg/l (rat) |
| | NOAEC | 1.3 mg/l (mouse) 6.66 mg/l (rat) |
| | NOEC | 130 mg/m3 (mouse) 130 mg/m3 (rat) |

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| | | |
|------------|-----------|--|
| Oral | LD50 | 1,414 mg/kg (guinea pig) |
| | Dermal | LD50 2,000 mg/kg (rab) NOAEL 150 mg/kg/24h (rabbit) |
| Inhalative | LC50 / 4h | 450-900 ppm (rat) |
| | LC50 / 8h | 800 ppm (rat) |
| | NOAEC | 31-62.5 ppm (mouse) 31-62.5 ppm (rat) |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.

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- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:**

64-17-5 ethanol

| | |
|------|---|
| LC50 | 14,200-15,400 mg/l/96h (fish) |
| LC0 | 7,960 mg/l/96h (fish) |
| LC50 | 5,012 mg/l/48h (aquatic invertebrates) |
| EC50 | 10,000 mg/l/24h (aquatic invertebrates) |
| EC50 | 675-22,000 mg/l/96h (algae / cyanobacteria) |
| | 12,700-12,900 mg/l/96h (fish) |
| EC10 | 11.5 mg/l/72h (algae / cyanobacteria) |
| EC50 | 275 mg/l/72h (algae / cyanobacteria) |
| EC0 | 10,000 mg/l/48h (aquatic invertebrates) |
| EC50 | 10,000 mg/l/48h (aquatic invertebrates) |

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| | |
|------|--|
| LC50 | 1,474 mg/l/96h (fish) |
| EC10 | 134 mg/l/21d (aquatic invertebrates) |
| EC10 | 308-679 mg/l/72h (algae / cyanobacteria) |
| EC50 | 911-1,840 mg/l/72h (algae / cyanobacteria) |
| EC50 | 297 mg/l/21d (aquatic invertebrates) |
| EC50 | 1,550-1,800 mg/l/48h (aquatic invertebrates) |
| NOEC | 100 mg/l/21d (aquatic invertebrates) |
| | 100 mg/l/21d (fish) |
| NOEC | 88-286 mg/l/72h (algae / cyanobacteria) |

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

64-17-5 ethanol

| | |
|-----------------------|--|
| Partition coefficient | -0.3 [---] (log Kow) (Bioaccumulation) |
| Biodegradability | >75 % (28d) (Biodegradability) |

111-76-2 2-butoxyethanol

| | |
|-----------------------|--|
| Partition coefficient | 0.81 [---] (log Kow) (Bioaccumulation) |
| Biodegradability | 90.4 % (28d) (Biodegradability) (OECD 301 B) |

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Contact waste processors for recycling information.
Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|---|
| · UN-Number | |
| · ADG, IMDG, IATA | Not classified as hazardous for transport |
| · UN proper shipping name | |
| · ADG, IMDG, IATA | Not classified as hazardous for transport |
| · Transport hazard class(es) | |
| · ADG, ADN, IMDG, IATA | |
| · Class | Not classified as hazardous for transport |
| · Packing group | |
| · ADG, IMDG, IATA | Not classified as hazardous for transport |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not classified as hazardous for transport |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Industrial Chemicals**

64-17-5 ethanol

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- **Standard for the Uniform Scheduling of Medicines and Poisons**

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- **Australia: Priority Existing Chemicals**

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- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· purity requirement**· Relevant phrases***H225 Highly flammable liquid and vapour.**H302 Harmful if swallowed.**H312 Harmful in contact with skin.**H315 Causes skin irritation.**H319 Causes serious eye irritation.**H331 Toxic if inhaled.***· Department issuing SDS: Abteilung Produktsicherheit****· Contact:****· Abbreviations and acronyms:***Flam. Liq. 2: Flammable liquids – Category 2**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 3: Acute toxicity – Category 3**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2***· * Data compared to the previous version altered.**