# Safety data sheet
**according to 1907/2006/EC, Article 31**

*Printing date 02.03.2023* *Version number 1.0* *Revision: 02.03.2023*

* 

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

· **1.1 Product identifier**

· **Trade name: VISO-CLEAN**

· **1.2 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.

· **1.3 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

· **Further information obtainable from:** msds@motorex.com
· **1.4 Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** Void
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Additional information:**
Contains biocidal products: ethanol
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

| · **Dangerous components:** | | |
|---|---|---|
| CAS: 64-17-5<br>EINECS: 200-578-6<br>Index number: 603-002-00-5 | ethanol<br>Flam. Liq. 2, H225; Eye Irrit. 2, H319<br>Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 % | 10-25% |
| CAS: 111-76-2<br>EINECS: 203-905-0<br>Index number: 603-014-00-0<br>Reg.nr.: 01-2119475108-36 | 2-butoxyethanol<br>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.



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## SECTION 4: First aid measures

· **4.1 Description of 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.
· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
· **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
· **5.3 Advice for firefighters**
· **Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
· **6.4 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.

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special measures required.
· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **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
· **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **64-17-5 ethanol** | |
| WEL | Long-term value: 1920 mg/m³, 1000 ppm |

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| **111-76-2 2-butoxyethanol** | |
|---|---|
| WEL | Short-term value: 246 mg/m³, 50 ppm<br>Long-term value: 123 mg/m³, 25 ppm<br>Sk, BMGV |

· **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) |
| | DNEL/general population/Systemic effects/Long-term | 206 mg/kg/24h (consumer) |
| Inhalative | DNEL / Workers / Systemic effects / Long-term | 950 mg/m3 (worker) |
| | DNEL/Workers/Local effects/acute-short term | 1,900 mg/m3 (worker) |
| | DNEL/general population/Systemic effects/Long-term | 114 mg/m3 (consumer) |
| | DNEL/general pop/Local effects/acute-short term | 950 mg/m3 (consumer) |
| **111-76-2 2-butoxyethanol** | | |
| 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) |
| | 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) |
| Inhalative | DNEL / Workers / Systemic effects / Long-term | 98 mg/m3 (worker) |
| | DNEL/Workers/Systemic effects/acute-short term | 1,091 mg/m3 (worker) |
| | DNEL/Workers/Local effects/acute-short term | 246 mg/m3 (worker) |
| | DNEL/general population/Systemic effects/Long-term | 59 mg/m3 (consumer) |
| | DNEL/general pop/Systemic effects/acute-short term | 426 mg/m3 (consumer) |
| | DNEL/general pop/Local effects/acute-short term | 147 mg/m3 (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) |
| | PNEC/Aquatic org/intermittent releases(freshwater) | 9.1 mg/l (aquatic organisms) |

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| | | |
|---|---|---|
| | 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) |

· **Ingredients with biological limit values:**

**111-76-2 2-butoxyethanol**

| | |
|---|---|
| BMGV | 240 mmol/mol creatinine<br>Medium: urine<br>Sampling time: post shift<br>Parameter: butoxyacetic acid |

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as 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.
· **Hand protection**
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/face protection** Not required.
· **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

| | |
|---|---|
| · **9.1 Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Physical state** | Solid |
| · **Colour:** | Whitish |
| · **Odour:** | Characteristic |
| · **Odour threshold:** | Not determined. |
| · **Melting point/freezing point:** | Undetermined. |
| · **Boiling point or initial boiling point and boiling range** | Undetermined. |
| · **Flammability** | Not determined. |
| · **Lower and upper explosion limit** | |
| · **Lower:** | Not determined. |
| · **Upper:** | Not determined. |
| · **Flash point:** | >100 °C |

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| | |
|---|---|
| · **Decomposition temperature:** | Not determined. |
| · **pH** | Not applicable. |
| · **Viscosity:** | |
| · **Kinematic viscosity** | Not applicable. |
| · **Consistency** | |
| · **Dynamic:** | Not applicable. |
| · **Solubility** | |
| · **water:** | Insoluble. |
| · **Partition coefficient n-octanol/water (log value)** | Not determined. |
| · **Heat Capacity** | |
| · **Vapour pressure:** | Not applicable. |
| · **Density and/or relative density** | |
| · **Density:** | Not determined. |
| · **Relative density** | Not determined. |
| · **Vapour density** | Not applicable. |

| | |
|---|---|
| · **9.2 Other information** | |
| · **Appearance:** | |
| · **Form:** | Fibres |
| · **Important information on protection of health and environment, and on safety.** | |
| · **Explosive properties:** | Product does not present an explosion hazard. |
| · **Change in condition** | |
| · **Evaporation rate** | Not applicable. |

| | |
|---|---|
| · **Information with regard to physical hazard classes** | |
| · **Explosives** | Void |
| · **Flammable gases** | Void |
| · **Aerosols** | Void |
| · **Oxidising gases** | Void |
| · **Gases under pressure** | Void |
| · **Flammable liquids** | Void |
| · **Flammable solids** | Void |
| · **Self-reactive substances and mixtures** | Void |
| · **Pyrophoric liquids** | Void |
| · **Pyrophoric solids** | Void |
| · **Self-heating substances and mixtures** | Void |
| · **Substances and mixtures, which emit flammable gases in contact with water** | Void |
| · **Oxidising liquids** | Void |
| · **Oxidising solids** | Void |
| · **Organic peroxides** | Void |
| · **Corrosive to metals** | Void |
| · **Desensitised explosives** | Void |

## SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **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) |
| | NOAEL | 9,700 mg/kg/24h (mouse) |
| Inhalative | 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) |
| **111-76-2 2-butoxyethanol** | | |
| 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.
· **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.
· **11.2 Information on other hazards**

| · **Endocrine disrupting properties** |
|---|
| None of the ingredients is listed. |

## SECTION 12: Ecological information

· **12.1 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) |

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| | |
|---|---|
| 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) |
| **111-76-2 2-butoxyethanol** | |
| 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) |

· **12.2 Persistence and degradability** No further relevant information available.

| · **12.3 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) |

· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

· **13.1 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.



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## SECTION 14: Transport information

| | |
|---|---|
| · **14.1 UN number or ID number**<br>· **ADR/RID/ADN, IMDG, IATA** | Void |
| · **14.2 UN proper shipping name**<br>· **ADR/RID/ADN, IMDG, IATA** | Void |
| · **14.3 Transport hazard class(es)**<br>· **ADR/RID/ADN, ADN, IMDG, IATA**<br>· **Class** | Void |
| · **14.4 Packing group**<br>· **ADR/RID/ADN, IMDG, IATA** | Void |
| · **14.5 Environmental hazards:** | Not applicable. |
| · **14.6 Special precautions for user** | Not applicable. |
| · **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable. |
| · **UN "Model Regulation":** | Void |

## SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

## SECTION 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
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)

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*LC50: Lethal concentration, 50 percent*
*LD50: Lethal dose, 50 percent*
*PBT: Persistent, Bioaccumulative and Toxic*
*vPvB: very Persistent and very Bioaccumulative*
*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.***

## Annex: Exposure scenario 1

· ***Short title of the exposure scenario*** *Industrial use of cleaning agents*
· ***Sector of Use***
*SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites*
· ***Product category*** *PC35 Washing and cleaning products (including solvent based products)*
· ***Process category***
*PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.*
*PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions*
*PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities*
*PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities*
*PROC10 Roller application or brushing*
*PROC11 Non industrial spraying*
*PROC13 Treatment of articles by dipping and pouring*
*PROC15 Use as laboratory reagent*
· ***Environmental release category***
*ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)*
· ***Description of the activities / processes covered in the Exposure Scenario***
*See section 1 of the annex to the Safety Data Sheet.*
· ***Conditions of use***
· ***Duration and frequency*** *5 workdays/week.*
· ***Physical parameters***
· ***Physical state*** *Fluid*
· ***Concentration of the substance in the mixture*** *The substance is main component.*
· ***Other operational conditions***
· ***Other operational conditions affecting environmental exposure*** *No special measures required.*
· ***Other operational conditions affecting consumer exposure*** *Not required.*
· ***Other operational conditions affecting consumer exposure during the use of the product***
*Not applicable.*
· ***Risk management measures***
· ***Worker protection***
· ***Organisational protective measures*** *No special measures required.*
· ***Technical protective measures*** *No special measures required.*
· ***Personal protective measures*** *No special measures required.*
· ***Measures for consumer protection*** *No special measures required.*
· ***Environmental protection measures***
· ***Air*** *No special measures required.*
· ***Water*** *No special measures required.*
· ***Disposal measures*** *Ensure that waste is collected and contained.*
· ***Disposal procedures*** *Dispose of product residues with household waste.*
· ***Waste type*** *Partially emptied and uncleaned packaging*
· ***Exposure estimation***
· ***Consumer*** *Not relevant for this Exposure Scenario.*

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· **Guidance for downstream users** No further relevant information available.

## Annex: Exposure scenario 2

· **Short title of the exposure scenario** Professional use of cleaning agents
· **Sector of Use**
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
· **Product category** PC35 Washing and cleaning products (including solvent based products)
· **Process category**
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
PROC15 Use as laboratory reagent
· **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
· **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
· **Conditions of use**
· **Duration and frequency** 5 workdays/week.
· **Physical parameters**
· **Physical state** Fluid
· **Concentration of the substance in the mixture** The substance is main component.
· **Other operational conditions**
· **Other operational conditions affecting environmental exposure** No special measures required.
· **Other operational conditions affecting consumer exposure** Not required.
· **Other operational conditions affecting consumer exposure during the use of the product**
Not applicable.
· **Risk management measures**
· **Worker protection**
· **Organisational protective measures** No special measures required.
· **Technical protective measures** No special measures required.
· **Personal protective measures** No special measures required.
· **Measures for consumer protection** No special measures required.
· **Environmental protection measures**
· **Air** No special measures required.
· **Water** No special measures required.
· **Disposal measures** Ensure that waste is collected and contained.
· **Disposal procedures** Dispose of product residues with household waste.
· **Waste type** Partially emptied and uncleaned packaging
· **Exposure estimation**
· **Consumer** Not relevant for this Exposure Scenario.
· **Guidance for downstream users** No further relevant information available.

## Annex: Exposure scenario 3

· **Short title of the exposure scenario** Private use of cleaning agents
· **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
· **Product category** PC35 Washing and cleaning products (including solvent based products)

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· **Process category**
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
· **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
· **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
· **Conditions of use**
· **Duration and frequency** 5 workdays/week.
· **Physical parameters**
· **Physical state** Fluid
· **Concentration of the substance in the mixture** The substance is main component.
· **Other operational conditions**
· **Other operational conditions affecting environmental exposure** No special measures required.
· **Other operational conditions affecting consumer exposure** Not required.
· **Other operational conditions affecting consumer exposure during the use of the product**
Not applicable.
· **Risk management measures**
· **Worker protection**
· **Organisational protective measures** No special measures required.
· **Technical protective measures** No special measures required.
· **Personal protective measures** No special measures required.
· **Measures for consumer protection** No special measures required.
· **Environmental protection measures**
· **Air** No special measures required.
· **Water** No special measures required.
· **Disposal measures** Ensure that waste is collected and contained.
· **Disposal procedures** Dispose of product residues with household waste.
· **Waste type** Partially emptied and uncleaned packaging
· **Exposure estimation**
· **Consumer** Not relevant for this Exposure Scenario.
· **Guidance for downstream users** No further relevant information available.