



# HG window cleaner concentrate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 03/02/2023 Revision date: 15/05/2023 Supersedes version of: 11/05/2023 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : HG window cleaner concentrate  
UFI : MVHH-JUY3-V007-CVRF  
Product code : 297 ART  
Type of product : Detergent  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : Glass/window/mirror cleaning products (excludes windscreens)

##### 1.2.2. Uses advised against

Restrictions on use : All other uses not recommended above

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

HG International B.V.  
P.J. Oudweg 41  
NL- 1314 CJ Almere  
The Netherlands  
T +31 (0)36 54 94 700  
[safety@hg.eu](mailto:safety@hg.eu) - [www.hg.eu](http://www.hg.eu)

##### Importer

HG UKI LTD  
Weston Business Centre  
Parsonage Road  
UK- CM22 6PU Takeley – Essex  
United Kingdom  
T +44 (0) 1206 822 744  
[www.hg.eu](http://www.hg.eu)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 777  
Only for medical personnel  
Mon-Fri 09:00 AM - 05:00 PM (CEST)

| Country        | Organisation/Company   | Address                  | Emergency number | Comment                           |
|----------------|--|--------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital                     | Dudley Road<br>B18 7QH   | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER | +44 20 7188 7188 |                                   |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage.

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### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P264 - Wash hands thoroughly after handling.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
EUH-statements : EUH208 - Contains 2-methylisothiazol-3(2H)-one (2682-20-4) (00180). May produce an allergic reaction.  
Child-resistant fastening : Not applicable  
Tactile warning : Not applicable

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | Conc. (% w/w)         | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|-----------------------|---|
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | CAS-No.: 68891-38-3<br>EC-No.: 500-234-8<br>REACH-no: 01-2119488639-16                              | $\geq 5 - < 15$       | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412  |
| Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol       | CAS-No.: 52-51-7<br>EC-No.: 200-143-0<br>EC Index-No.: 603-085-00-8                                 | $\geq 0.001 - < 1$    | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 (M=10)  |
| 2-methylisothiazol-3(2H)-one                          | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9<br>REACH-no: 01-2120764690-50 | $\geq 0.001 - < 0.01$ | Acute Tox. 3 (Oral), H301<br>Acute Tox. 2 (Dermal), H310<br>Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 2 (Inhalation:dust,mist), H330<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 |

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| Specific concentration limits:                        |   |  |
|---|---|--|
| Name  | Product identifier  | Specific concentration limits                                      |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | CAS-No.: 68891-38-3<br>EC-No.: 500-234-8<br>REACH-no: 01-2119488639-16                              | ( 5 ≤C < 10) Eye Irrit. 2, H319<br>( 10 ≤C < 100) Eye Dam. 1, H318 |
| 2-methylisothiazol-3(2H)-one                          | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9<br>REACH-no: 01-2120764690-50 | ( 0.0015 ≤C ≤ 100) Skin Sens. 1A, H317                             |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.                           |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

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

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Irritation.             |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |

### 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   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Intense heat may cause container to burst.   |
| Hazardous decomposition products in case of fire | : Carbon dioxide. Carbon monoxide. Sulphur oxides. Metallic oxides. Halogenated compounds. |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Avoid contact with skin and eyes. |
|----------------------|---|

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### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 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 : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.  
Storage temperature : > 0 – < 30 °C  
Heat and ignition sources : Keep away from heat and direct sunlight.  
Special rules on packaging : Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Wear foot protection.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses with side shields

| Eye protection                   |                       |                 |          |
|----------------------------------|-----------------------|-----------------|----------|
| Type                             | Field of application  | Characteristics | Standard |
| Safety glasses with side shields | Normal use conditions |                 | EN 166   |
| Chemical goggles or face shield  | Droplet               |                 | EN 166   |

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use. If there is a risk of liquid being splashed : Long sleeved protective clothing. Chemical resistant safety shoes

| Skin and body protection           |              |
|------------------------------------|--------------|
| Type                               | Standard     |
| Long sleeved protective clothing   |              |
| Chemical resistant safety shoes    | EN ISO 20345 |
| Use chemically protective clothing | EN 13034     |

##### Hand protection:

Protective gloves

| Hand protection   |                      |                   |                |             |            |
|-------------------|----------------------|-------------------|----------------|-------------|------------|
| Type              | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
| Disposable gloves | Butyl rubber         | 6 (> 480 minutes) | 0.5            |             | EN ISO 374 |
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35           |             | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

| Respiratory protection |             |                                   |          |
|------------------------|-------------|-----------------------------------|----------|
| Device                 | Filter type | Condition                         | Standard |
| Half-mask              | FFA2P3      | Mist formation, Vapour protection | EN 405   |
| Dust mask              | FFFP2       | Dust protection                   | EN 149   |

#### 8.2.2.4. Thermal hazards

No additional information available

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### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                               |
|---|-------------------------------|
| Physical state                                  | : Liquid                      |
| Colour  | : Green. Blue.                |
| Odour   | : Characteristic.             |
| Odour threshold                                 | : Not available               |
| Melting point                                   | : Not applicable              |
| Freezing point                                  | : Not available               |
| Boiling point                                   | : Not available               |
| Flammability                                    | : Not applicable              |
| Explosive limits                                | : Not available               |
| Lower explosion limit                           | : Not available               |
| Upper explosion limit                           | : Not available               |
| Flash point                                     | : > 60 °C                     |
| Auto-ignition temperature                       | : Not available               |
| Decomposition temperature                       | : Not available               |
| pH  | : 6.5 – 7.5                   |
| pH solution                                     | : 100 %                       |
| Viscosity, kinematic                            | : Not available               |
| Solubility                                      | : In water, material soluble. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available               |
| Vapour pressure                                 | : Not available               |
| Vapour pressure at 50°C                         | : Not available               |
| Density   | : 1.005 – 1.015 g/ml          |
| Relative density                                | : Not available               |
| Relative vapour density at 20°C                 | : Not available               |
| Particle characteristics                        | : Not applicable              |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Conclusive but not sufficient for classification)  
Acute toxicity (dermal) : Not classified (Conclusive but not sufficient for classification)  
Acute toxicity (inhalation) : Not classified (Conclusive but not sufficient for classification)

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

|               |  |
|---------------|--|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
|---------------|--|

|                 |  |
|-----------------|--|
| LD50 dermal rat | ≥ 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other: |
|-----------------|--|

#### Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)

|                 |  |
|-----------------|--|
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other: |
|-----------------|--|

|             |                       |
|-------------|-----------------------|
| LD50 dermal | 1600 mg/kg bodyweight |
|-------------|-----------------------|

|                                   |             |
|-----------------------------------|-------------|
| LC50 Inhalation - Rat (Dust/Mist) | > 5000 mg/l |
|-----------------------------------|-------------|

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

|               |                |
|---------------|----------------|
| LD50 oral rat | 66 – 105 mg/kg |
|---------------|----------------|

|                    |           |
|--------------------|-----------|
| LD50 dermal rabbit | 200 mg/kg |
|--------------------|-----------|

|                                   |           |
|-----------------------------------|-----------|
| LC50 Inhalation - Rat (Dust/Mist) | 0.33 mg/l |
|-----------------------------------|-----------|

Skin corrosion/irritation : Not classified  
pH: 6.5 – 7.5

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

|    |   |
|----|---|
| pH | 2.58 Temp.: 25 °C Concentration: 50 g/L |
|----|---|

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 6.5 – 7.5

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

|    |   |
|----|---|
| pH | 2.58 Temp.: 25 °C Concentration: 50 g/L |
|----|---|

Respiratory or skin sensitisation : Not classified (Conclusive but not sufficient for classification)  
Germ cell mutagenicity : Not classified (Conclusive but not sufficient for classification)  
Carcinogenicity : Not classified (Conclusive but not sufficient for classification)  
Reproductive toxicity : Not classified (Conclusive but not sufficient for classification)  
STOT-single exposure : Not classified (Conclusive but not sufficient for classification)

#### Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

STOT-repeated exposure : Not classified (Conclusive but not sufficient for classification)

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

|                            |  |
|----------------------------|--|
| LOAEL (oral, rat, 90 days) | 25 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other: |
|----------------------------|--|

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| <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b> |   |
|---|---|
| NOAEL (oral, rat, 90 days)  | > 225 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other: |
| <b>2-methylisothiazol-3(2H)-one (2682-20-4)</b>                           |   |
| LOAEL (oral, rat, 90 days)  | 71.2 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: other:           |
| Aspiration hazard   | : Not classified (Conclusive but not sufficient for classification)   |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified (Conclusive but not sufficient for classification)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Conclusive but not sufficient for classification)

| <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b> |   |
|---|---|
| LC50 - Fish [1]   | 7.1 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                         |
| EC50 - Crustacea [1]  | 7.4 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]  | 27.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)      |
| NOEC (chronic)  | 0.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish   | 0.14 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' |
| NOEC chronic algae  | 0.95 mg/l Scenedesmus subspicatus   |

### **Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)**

|                      |   |
|----------------------|---|
| LC50 - Fish [1]      | 26.4 mg/l   |
| EC50 - Crustacea [1] | 1.4 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1] | 0.25 mg/l Test organisms (species): Skeletonema costatum  |
| EC50 72h - Algae [2] | 0.37 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)       | 0.88 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)       | 0.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish    | 21.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '49 d'                                 |



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| 2-methylisothiazol-3(2H)-one (2682-20-4) |  |
|--|--|
| LC50 - Fish [1]                          | 4.77 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1]                     | 1.6 mg/l Test organisms (species): Daphnia magna   |

### 12.2. Persistence and degradability

| HG window cleaner concentrate                                      |   |
|--|---|
| Persistence and degradability                                      | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3) |   |
| Chemical oxygen demand (COD)                                       | 0.51 g O <sub>2</sub> /g substance  |
| Biodegradation   | 80 % (OECD 302B method)   |
| Additional information   | 95 % biodegradation (OECD 301E method)  |

### 12.3. Bioaccumulative potential

| HG window cleaner concentrate                                      |                                |
|--|--------------------------------|
| Bioaccumulative potential  | Low bioaccumulation potential. |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3) |                                |
| Partition coefficient n-octanol/water (Log Pow)                    | 0.3                            |
| Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)          |                                |
| Partition coefficient n-octanol/water (Log Pow)                    | 0.18                           |
| 2-methylisothiazol-3(2H)-one (2682-20-4)                           |                                |
| Partition coefficient n-octanol/water (Log Pow)                    | -0.49                          |

### 12.4. Mobility in soil

| HG window cleaner concentrate                             |                                       |
|---|---------------------------------------|
| Ecology - soil  | Expected to be highly mobile in soil. |
| Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7) |                                       |
| Mobility in soil  | 388.3 – 1416 Source: ECHA             |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional legislation (waste)               | : Dispose of in accordance with relevant local regulations.   |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Product/Packaging disposal recommendations | : Empty containers retain product residue and can be hazardous. Do not dispose of the packaging without first carrying out the necessary cleaning. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. |
| Ecology - waste materials                  | : Recycling is preferred to disposal or incineration.   |
| European List of Waste (LoW) code          | : 20 01 29* - detergents containing dangerous substances<br>20 01 39 - plastics   |
| HP Code                                    | : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.   |

### SECTION 14: Transport information

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

| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

#### 14.6. Special precautions for user

##### Overland transport

Not regulated

##### Transport by sea

Not regulated

##### Air transport

Not regulated

##### Inland waterway transport

Not regulated

##### Rail transport

Not regulated

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# HG window cleaner concentrate

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

###### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

###### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

###### Detergent Regulation (648/2004)

| Labelling of contents           |         |
|---------------------------------|---------|
| Component                       | %       |
| anionic surfactants             | ≥5-<15% |
| 2-BROMO-2-NITROPROPANE-1,3-DIOL |         |
| METHYLISOTHIAZOLINONE           |         |
| BENZISOTHIAZOLINONE             |         |

###### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

###### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

| Indication of changes |   |          |          |
|-----------------------|---|----------|----------|
| Section               | Changed item  | Change   | Comments |
|                       | Supersedes version of   | Added    |          |
|                       | Revision date   | Added    |          |
| 2.1                   | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified |          |
| 2.2                   | Precautionary statements (CLP)                                  | Modified |          |
| 2.2                   | Signal word (CLP)   | Modified |          |

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| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item                           | Change   | Comments |
| 2.2                   | Hazard pictograms (CLP)                | Modified |          |
| 2.2                   | Hazard statements (CLP)                | Modified |          |
| 3                     | Composition/information on ingredients | Modified |          |
| 8.2                   | Other information                      | Modified |          |
| 8.2                   | Respiratory protection                 | Modified |          |
| 8.2                   | Skin and body protection               | Modified |          |
| 9.1                   | pH                                     | Modified |          |
| 9.1                   | Density                                | Added    |          |

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS                         | Safety Data Sheet   |
| STP                         | Sewage treatment plant  |

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### Abbreviations and acronyms:

|         |  |
|---------|--|
| ThOD    | Theoretical oxygen demand (ThOD)         |
| TLM     | Median Tolerance Limit                   |
| VOC     | Volatile Organic Compounds               |
| CAS-No. | Chemical Abstract Service number         |
| N.O.S.  | Not Otherwise Specified                  |
| vPvB    | Very Persistent and Very Bioaccumulative |
| ED      | Endocrine disrupting properties          |

|                   |   |
|-------------------|---|
| Training advice   | : Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.   |
| Other information | : <b>DISCLAIMER OF LIABILITY</b> The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. |

### Full text of H- and EUH-statements:

|                                     |  |
|-------------------------------------|--|
| Acute Tox. 2 (Dermal)               | Acute toxicity (dermal), Category 2  |
| Acute Tox. 2 (Inhalation)           | Acute toxicity (inhal.), Category 2  |
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2   |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3  |
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4  |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1                              |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                            |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                            |
| EUH208                              | Contains 2-methylisothiazol-3(2H)-one (2682-20-4) (00180). May produce an allergic reaction. |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |
| H301                                | Toxic if swallowed.  |
| H302                                | Harmful if swallowed.  |
| H310                                | Fatal in contact with skin.  |
| H312                                | Harmful in contact with skin.  |
| H314                                | Causes severe skin burns and eye damage.   |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.   |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.   |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| H330                                | Fatal if inhaled.  |
| H335                                | May cause respiratory irritation.  |
| H400                                | Very toxic to aquatic life.  |
| H410                                | Very toxic to aquatic life with long lasting effects.                                      |
| H412                                | Harmful to aquatic life with long lasting effects.   |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1A                       | Skin sensitisation, category 1A  |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

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.