

## SAFETY DATA SHEET

### AGS 2+ GEL

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

##### 1.1. Product identifier

###### Trade name

AGS 2+ GEL

###### Product no.

3640

###### Unique formula identifier (UFI)

TQ10-F0QP-700P-UUCT

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

###### Relevant identified uses of the substance or mixture

Graffiti remover

Restricted to professional and industrial use.

###### Uses advised against

None known.

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

###### Company and address

**Trion Tensid AB**

Svederusgatan 3A

SE-75450 Uppsala

Sweden

+46 18 15 61 90

www.trion.se

###### Contact person

Lina Åkerblom

###### E-mail

info@trion.se

###### Revision

29/04/2026

###### SDS Version

9.0

###### Date of previous version

16/03/2026 (8.0)

##### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)  
See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2; H319, Causes serious eye irritation.

### 2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

#### ▼ Hazard statement(s)

Harmful if swallowed. (H302)

Causes skin irritation. (H315)

Causes serious eye irritation. (H319)

Precautionary statement(s)

General

Not applicable.

Prevention

Wash hands thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

Not applicable.

▼ Disposal

Dispose of contents/container in accordance with local regulation.  
(P501)

Hazardous substances

1-butylpyrrolidin-2-one

1-methoxy-2-propanol monopropylene glycol methyl ether

Additional labelling

UFI: TQ10-F0QP-700P-UUCT

VOC

VOC content: 164 g/L

MAXIMUM VOC CONTENT (Phase II, category B/a1: 850 g/L)

### 2.3. Other hazards

#### Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. ▼ Mixtures

| Product/substance                                                 | Identifiers                                                                                          | % w/w  | Classification                                                  | Note     |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------|----------|
| 1-butylpyrrolidin-2-one                                           | CAS No.: 3470-98-2<br>EC No.: 222-437-8<br>UK-REACH: 01-2120062728-48-XXXX<br>Index No.:             | 15-25% | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |          |
| 1-methoxy-2-propanol<br>monopropylene glycol<br>methyl ether      | CAS No.: 107-98-2<br>EC No.: 203-539-1<br>UK-REACH: 01-2119457435-35-XXXX<br>Index No.: 603-064-00-3 | <10%   | Flam. Liq. 3, H226<br>STOT SE 3, H336                           | [1]      |
| 2-(2-butoxyethoxy)ethanol<br>diethylene glycol monobutyl<br>ether | CAS No.: 112-34-5<br>EC No.: 203-961-6<br>UK-REACH: 01-2119475104-44<br>Index No.: 603-096-00-8      | <10%   | Eye Irrit. 2, H319                                              | [1], [3] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### ▼ Ingestion

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

#### Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage conditions

4 - 25 Celcius

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

1-methoxy-2-propanol monopropylene glycol methyl ether

Long term exposure limit (8 hours) (ppm): 100

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 375

Short term exposure limit (15 minutes) (ppm): 150

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 560

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 67,5

Short term exposure limit (15 minutes) (ppm): 15

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 101,2

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

1-butylpyrrolidin-2-one

| Duration:                                         | Route of exposure: | DNEL:          |
|---------------------------------------------------|--------------------|----------------|
| Long term – Systemic effects - General population | Dermal             | 5 mg/kg bw/day |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

|                                                    |            |                  |
|----------------------------------------------------|------------|------------------|
| Long term – Systemic effects - Workers             | Dermal     | 10 mg/kg bw/day  |
| Long term – Systemic effects - General population  | Inhalation | 17,4 mg/m3       |
| Long term – Systemic effects - Workers             | Inhalation | 70,5 mg/m3       |
| Long term – Systemic effects - General population  | Oral       | 2,5 mg/kg bw/day |
| Short term – Systemic effects - General population | Oral       | 2,5 mg/kg bw/day |

#### 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether

| Duration:                              | Route of exposure: | DNEL:              |
|----------------------------------------|--------------------|--------------------|
| Long term – Systemic effects - Workers | Dermal             | 20 mg/kg/day       |
| Long term – Local effects - Workers    | Inhalation         | 67,5 mg/kbm 10 ppm |
| Long term – Systemic effects - Workers | Inhalation         | 67,5 mg/kbm 10 ppm |
| Short term – Local effects - Workers   | Inhalation         | 101,2 mg/kbm       |

#### PNEC

##### 1-butylpyrrolidin-2-one

| Route of exposure:     | Duration of Exposure: | PNEC:        |
|------------------------|-----------------------|--------------|
| Freshwater             | Single                | 0,8 mg/L     |
| Freshwater sediment    | Single                | 6,336 mg/kg  |
| Marine water           | Single                | 0,08 mg/L    |
| Marine water sediment  | Single                | 06336 mg/kg  |
| Sewage treatment plant | Continuous            | 30,62 mg/L   |
| Soil                   | Single                | 0,7955 mg/kg |
| Water                  | Single                | 1 mg/L       |

##### 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether

| Route of exposure:     | Duration of Exposure: | PNEC:      |
|------------------------|-----------------------|------------|
| Freshwater             | Single                | 1 mg/L     |
| Freshwater sediment    | Single                | 4,4 mg/kg  |
| Marine water           | Single                | 0,1 mg/L   |
| Marine water sediment  | Single                | 0,44 mg/kg |
| Sewage treatment plant | Single                | 200 mg/L   |
| Soil                   | Single                | 0,32 mg/kg |

#### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

##### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

##### Exposure scenarios

There are no exposure scenarios implemented for this product.

##### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

Take off contaminated clothing and wash it before reuse.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

#### Generally

Use only UKCA marked protective equipment.

#### Respiratory Equipment

| Type                                                                      | Class | Colour | Standards |
|---------------------------------------------------------------------------|-------|--------|-----------|
| Respiratory protection is not needed in the event of adequate ventilation | -     | -      | -         |

#### Skin protection

| Recommended                             | Type/Category | Standards |
|-----------------------------------------|---------------|-----------|
| Dedicated work clothing should be worn. | -             | -         |



#### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-----------|
| Nitrile  | 0,4                  | >480                     | EN374-2   |



#### Eye protection

| Type                                   | Standards |
|----------------------------------------|-----------|
| Wear safety glasses with side shields. | EN166     |



## SECTION 9: Physical and chemical properties

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

#### Physical state

Gel

#### Colour

Yellowish

#### Odour / Odour threshold

Solvent

pH

-

pH in solution

7 (10%)

Density (g/cm<sup>3</sup>)

1.09

Kinematic viscosity

No data available.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

120-150

Vapour pressure

No data available.

Relative vapour density

No data available.

Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

Flash point (°C)

106

Flammability (°C)

212

Auto-ignition temperature (°C)

No data available.

Lower and upper explosion limit (% v/v)

0.9 - 8.7

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

No data available.

Solubility in fat (g/L)

No data available.

9.2. Other information

VOC (g/L)

164

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 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

|                    |                         |
|--------------------|-------------------------|
| Product/substance  | 1-butylpyrrolidin-2-one |
| Species:           | Rat                     |
| Route of exposure: | Oral                    |
| Test:              | LD50                    |
| Result:            | 300-2000 mg/kg ·        |

|                    |                         |
|--------------------|-------------------------|
| Product/substance  | 1-butylpyrrolidin-2-one |
| Species:           | Rabbit                  |
| Route of exposure: | Dermal                  |
| Test:              | LD50                    |
| Result:            | >2000 mg/kg ·           |

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Product/substance  | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:           | Rat                                                    |
| Route of exposure: | Oral                                                   |
| Test:              | LD50                                                   |
| Result:            | 7200 mg/kg                                             |

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Product/substance  | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:           | Rabbit                                                 |
| Route of exposure: | Dermal                                                 |
| Test:              | LD50                                                   |
| Result:            | 13000 mg/kg ·                                          |

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Product/substance  | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:           | Rat                                                    |
| Route of exposure: | Inhalation                                             |
| Test:              | LC 50 (6 Hours)                                        |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result: 7200 ppm

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Product/substance  | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:           | Rat                                                         |
| Route of exposure: | Inhalation                                                  |
| Test:              | LC50                                                        |
| Result:            | >29 ppm (2h) ·                                              |

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Product/substance  | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:           | Rat                                                         |
| Route of exposure: | Oral                                                        |
| Test:              | LD50                                                        |
| Result:            | 2410 mg/kg ·                                                |

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Product/substance  | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:           | Rabbit                                                      |
| Route of exposure: | Dermal                                                      |
| Test:              | LD50                                                        |
| Result:            | 2764 mg/kg ·                                                |

Harmful if swallowed.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### 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.

#### Symptoms related to the physical, chemical and toxicological characteristics

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.  
Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### Other information

None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                   |                         |
|-------------------|-------------------------|
| Product/substance | 1-butylpyrrolidin-2-one |
| Species:          | Fish                    |
| Duration:         | 96 hours                |
| Test:             | LC50                    |
| Result:           | >100 mg/L ·             |

|                   |                         |
|-------------------|-------------------------|
| Product/substance | 1-butylpyrrolidin-2-one |
| Species:          | Algae                   |
| Duration:         | 72 hours                |
| Test:             | EC50                    |
| Result:           | 130 mg/L ·              |

|                   |                         |
|-------------------|-------------------------|
| Product/substance | 1-butylpyrrolidin-2-one |
| Species:          | Daphnia                 |
| Duration:         | 48 hours                |
| Test:             | EC50                    |
| Result:           | >100 mg/L ·             |

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Product/substance | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:          | Fish                                                   |
| Duration:         | 96 hours                                               |
| Test:             | LC50                                                   |
| Result:           | 20800 mg/L                                             |

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Product/substance | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:          | Daphnia                                                |
| Duration:         | 96 hours                                               |
| Test:             | EC50                                                   |
| Result:           | 23300 mg/L                                             |

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Product/substance | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Species:          | Algae                                                  |
| Duration:         | 72 hours                                               |
| Test:             | IC50                                                   |
| Result:           | >1000 mg/L                                             |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:          | Fish                                                        |
| Duration:         | 96 hours                                                    |
| Test:             | LC50                                                        |
| Result:           | 1300 mg/l ·                                                 |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:          | Daphnia                                                     |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

|           |             |
|-----------|-------------|
| Duration: | 72 hours    |
| Test:     | EC50        |
| Result:   | >100 mg/l · |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Species:          | Algae                                                       |
| Duration:         | 96 hours                                                    |
| Test:             | EC50                                                        |
| Result:           | >100 mg/l ·                                                 |

Based on available data, the classification criteria are not met.

#### 12.2. Persistence and degradability

|                   |                         |
|-------------------|-------------------------|
| Product/substance | 1-butylpyrrolidin-2-one |
| Conclusion:       | -                       |

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Product/substance | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| Result:           | 96%                                                    |
| Conclusion:       | Readily biodegradable                                  |
| Test:             | OECD 301 E                                             |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| Result:           | 100%                                                        |
| Conclusion:       | Readily biodegradable                                       |
| Test:             | OECD 301 B                                                  |

#### 12.3. Bioaccumulative potential

|                   |                         |
|-------------------|-------------------------|
| Product/substance | 1-butylpyrrolidin-2-one |
| Conclusion:       | -                       |

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Product/substance | 1-methoxy-2-propanol monopropylene glycol methyl ether |
| LogKow:           | <3                                                     |
| Conclusion:       | No potential for bioaccumulation                       |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether |
| LogKow:           | 1,0000                                                      |
| Conclusion:       | No potential for bioaccumulation                            |

#### 12.4. Mobility in soil

1-methoxy-2-propanol monopropylene glycol methyl ether  
LogKoc = 1.699, High mobility potential.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 4 - Irritant (skin irritation and eye damage)

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

After dilution with water, small quantities are permitted to go to water treatment plants. Empty packages and product residues must be handled in an environmentally correct manner according to applicable laws and provisions. The company is affiliated to REPA. Do not attempt to refill or clean the package.

#### EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

|                 | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|-----------------|-----------------|---------------------------------|--------------------------|-------------|---------------|--------------------|
| ADR/A<br>DN/RID | -               | -                               | -                        | -           | -             | -                  |
| IMDG            | -               | -                               | -                        | -           | -             | -                  |
| IATA            | -               | -                               | -                        | -           | -             | -                  |

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

Not applicable.

#### REACH, Annex XVII

2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether is subject to restrictions, UK-REACH annex XVII (entry 55).

1-methoxy-2-propanol monopropylene glycol methyl ether is subject to UK-REACH restrictions (entry 40).

#### Additional information

Not applicable.

#### Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.

2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H336, May cause drowsiness or dizziness.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EC = Effective concentration

ED = Effective dose

EINECS = European Inventory of Existing Commercial chemical Substances

EL = Effective Loading

ErC = Concentration associated with x% growth rate response

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWG = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

HP = Hazardous Property code

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IC = X maximum inhibitory concentration

IMDG = International Maritime Dangerous Goods

LC = Lethal concentration

LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans

LD = Lethal dose

LOAEC = Lowest Observed Adverse Effect Concentration

LOAEL = Lowest Observed Adverse Effect Level

LOEC = Lowest Observed Effect Concentration

LogKow = logarithm of the n-octanol/water coefficient

LL = Lethal Loading

M = For multiplication factor

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOAEC = No Observed Adverse Effect Concentration

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOELR = No Observable Effect Loading Rate

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### The safety data sheet is validated by

LÄ

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en