

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

1.1. Product identifier

Product form : Mixture
Trade name : Rubio Surface Cleaner
UFI : JQ90-A0HT-S00A-KJGA

Type of product : Detergent

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, Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Ambachtenstraat 58
B- 8870 Izegem
Belgium
T +32 (0) 51 30 80 54 - F +32 (0) 51 30 99 78
info@rubiomonocoat.com - www.rubiomonocoat.com

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|---|--------------------------------------|------------------|-----------------------------------|
| Australia | NSW Poisons Information Centre The Children's Hospital at Westmead | Locked Bag 4001 NSW 2145 Westmead | 13 11 26 | |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | Only for healthcare professionals |

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

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning

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| | |
|--------------------------------|--|
| Hazard statements (CLP) | : H319 - Causes serious eye irritation. |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. |

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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

| Component | |
|----------------------------|---|
| 2-butoxyethanol (111-76-2) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Ethanol (64-17-5) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| PHENOXYETHANOL (122-99-6) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, 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 is not 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 %

| Component | |
|---|--|
| Sodium lauryl ether (2 EO) sulphate(68891-38-3) | 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 is not 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 | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|--------|--|
| 2-butoxyethanol substance with a Community workplace exposure limit | CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-36 | 1 – 10 | Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315 |
| Ethanol | CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43 | 1 – 10 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------------|--|---------|--|
| PHENOXYETHANOL | CAS-No.: 122-99-6 EC-No.: 204-589-7 EC Index-No.: 603-098-00-9 REACH-no: 01-2119488943-21 | 0,1 – 1 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 |
| Sodium laurylether (2 EO) sulphate | CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639-16 | 0,1 – 1 | Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 |

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 general | : If medical advice is needed, have product container or label at hand. |
| First-aid measures after inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| First-aid measures after skin contact | : IF ON SKIN: Wash with plenty of soap and water. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Rinse mouth. In all cases of doubt, or when symptoms persist, seek medical attention. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : Get medical advice/attention if you feel unwell. |
| Symptoms/effects after inhalation | : None under normal use. |
| Symptoms/effects after skin contact | : None under normal use. |
| Symptoms/effects after eye contact | : None under normal use. |
| Symptoms/effects after ingestion | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. |

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, carbon dioxide (CO ₂), foam and powder. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|------------------|
| Fire hazard | : Not flammable. |
|-------------|------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Precautionary measures fire | : Evacuate area. |
| Firefighting instructions | : Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Self-contained breathing apparatus. |
| Other information | : Exercise caution when fighting any chemical fire. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Do not get in eyes, on skin, or on clothing. Notify police and fire brigade as soon as possible.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Collect spillage.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed.
Storage area : Store in a well-ventilated place. Keep container tightly closed.

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

2-butoxyethanol (111-76-2)

EU - Indicative Occupational Exposure Limit (IOEL)

| | |
|---------------------------------|-----------------------|
| IOELV TWA (mg/m ³) | 98 mg/m ³ |
| IOELV TWA (ppm) | 20 ppm |
| IOELV STEL (mg/m ³) | 246 mg/m ³ |
| IOELV STEL (ppm) | 50 ppm |

Belgium - Occupational Exposure Limits

| | |
|----------------------------------|----------------------|
| Limit value [mg/m ³] | 98 mg/m ³ |
| Limit value [ppm] | 20 ppm |
| Short time value [ppm] | 50 ppm |

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| 2-butoxyethanol (111-76-2) | |
|---|------------|
| France - Occupational Exposure Limits | |
| VME [mg/m³] | 49 mg/m³ |
| VME [ppm] | 10 ppm |
| VLE [mg/m³] | 246 mg/m³ |
| VLE [ppm] | 50 ppm |
| Netherlands - Occupational Exposure Limits | |
| Grenswaarde TGG 8H (mg/m³) | 100 mg/m³ |
| Grenswaarde TGG 8H (ppm) | 20 ppm |
| Grenswaarde TGG 15MIN (mg/m³) | 246 mg/m³ |
| Grenswaarde TGG 15MIN (ppm) | 50 ppm |
| United Kingdom - Occupational Exposure Limits | |
| WEL TWA (mg/m³) | 123 mg/m³ |
| WEL TWA (ppm) | 25 ppm |
| WEL STEL (mg/m³) | 246 mg/m³ |
| WEL STEL (OEL STEL) [ppm] | 50 ppm |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH TWA (ppm) | 20 ppm |
| Ethanol (64-17-5) | |
| Belgium - Occupational Exposure Limits | |
| Limit value [mg/m³] | 1907 mg/m³ |
| Limit value [ppm] | 1000 ppm |
| France - Occupational Exposure Limits | |
| VME [mg/m³] | 1900 mg/m³ |
| VME [ppm] | 1000 ppm |
| VLE [mg/m³] | 9500 mg/m³ |
| VLE [ppm] | 5000 ppm |
| Netherlands - Occupational Exposure Limits | |
| Grenswaarde TGG 8H (mg/m³) | 260 mg/m³ |
| Grenswaarde TGG 8H (ppm) | 136 ppm |
| Grenswaarde TGG 15MIN (mg/m³) | 1900 mg/m³ |
| Grenswaarde TGG 15MIN (ppm) | 992 ppm |
| United Kingdom - Occupational Exposure Limits | |
| WEL TWA (mg/m³) | 1920 mg/m³ |
| WEL TWA (ppm) | 1000 ppm |
| Switzerland - Occupational Exposure Limits | |
| VME [mg/m³] | 960 mg/m³ |
| VLE [mg/m³] | 1920 mg/m³ |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH STEL (ppm) | 1000 ppm |

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PHENOXYETHANOL (122-99-6)

Germany - Occupational Exposure Limits (TRGS 900)

| | |
|---|-----------|
| Occupational exposure limit value (mg/m³) | 110 mg/m³ |
| Limitation of exposure peaks (mg/m³) | 220 mg/m³ |

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:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

In case of risky circumstances: safety glasses or face shield

8.2.2.2. Skin protection

Skin and body protection:

under the recommended handling conditions: not required

Hand protection:

Wear gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Ensure adequate ventilation

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

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. |
| Appearance | : Liquid. |
| Odour | : characteristic. |
| Odour threshold | : Not available |
| Melting point | : ≈ 0 °C |
| Freezing point | : ≈ 0 °C |
| Boiling point | : ≈ 100 °C |

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| | |
|----------------------------------|-------------------|
| Flammability | : Not available |
| Explosive limits | : Not available |
| Lower explosive limit (LEL) | : Not available |
| Upper explosive limit (UEL) | : Not available |
| Flash point | : > 61 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : ≈ 3 |
| Viscosity, kinematic | : Not available |
| Solubility | : Easily soluble. |
| Log Kow | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : ≈ 0,99 kg/l |
| 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

VOC content : ≈ 8,76 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Bases. Acids. OXIDIZING AGENTS.

10.6. Hazardous decomposition products

On combustion, forms: carbon oxides (CO and CO₂).

SECTION 11: Toxicological information

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

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| 2-butoxyethanol (111-76-2) | |
|----------------------------|-----------------------|
| LD50 oral rat | 1746 mg/kg bodyweight |
| LD50 oral | 1746 mg/kg bodyweight |

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| 2-butoxyethanol (111-76-2) | |
|---|--|
| LD50 dermal rat | > 2000 mg/kg bodyweight |
| LD50 dermal | 435 mg/kg bodyweight |
| LC50 Inhalation - Rat | 2,2 mg/l/4h |
| LC50 Inhalation - Rat [ppm] | 450 ppm/4h |
| LC50 Inhalation - Rat (Dust/Mist) | 2200 mg/l |
| Ethanol (64-17-5) | |
| LD50 oral rat | 10470 mg/kg bodyweight |
| LD50 oral | 10470 mg/kg bodyweight |
| LD50 dermal rabbit | > 15800 mg/kg bodyweight |
| LD50 dermal | 15800 mg/kg bodyweight |
| LC50 Inhalation - Rat | 124,7 mg/l air |
| LC50 Inhalation - Rat (Dust/Mist) | > 99999 mg/l |
| LC50 Inhalation - Rat (Vapours) | 51-124,7 |
| PHENOXYETHANOL (122-99-6) | |
| LD50 oral rat | 1850 mg/kg bodyweight |
| LD50 oral | 1850 mg/kg bodyweight |
| LD50 dermal rat | 14391 mg/kg |
| LD50 dermal | 14391 mg/kg bodyweight |
| LC50 Inhalation - Rat | > 1 mg/l |
| LC50 Inhalation - Rat (Dust/Mist) | > 1000 mg/l |
| Sodium laurylether (2 EO) sulphate (68891-38-3) | |
| LD50 oral rat | > 2000 mg/kg |
| LD50 oral | 4100 mg/kg bodyweight |
| LD50 dermal rat | > 2000 mg/kg |
| LD50 dermal | > 2000 mg/kg bodyweight |
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: ≈ 3 |
| Serious eye damage/irritation | : Causes serious eye irritation. (Based on available data, the classification criteria are not met) pH: ≈ 3 |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Ecological problems are not known or expected under normal use. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| 2-butoxyethanol (111-76-2) | |
|--------------------------------|--|
| LC50 fish 1 | 1474 mg/l |
| EC50 Daphnia 1 | 1550 mg/l (48 h; Daphnia magna) |
| EC50 other aquatic organisms 1 | 1550 mg/l waterflea |
| EC50 other aquatic organisms 2 | 911 mg/l |
| ErC50 (algae) | 1840 mg/l |
| Threshold limit algae 1 | 911 mg/l (72 h; Pseudokirchneriella subcapitata) |
| Threshold limit algae 2 | 88 mg/l (72 h; Pseudokirchneriella subcapitata) |

| Ethanol (64-17-5) | |
|--------------------------------|---------------------------------|
| LC50 fish 1 | 14200 mg/l |
| EC50 Daphnia 1 | 12340 mg/l (Daphnia Magna, 48h) |
| EC50 other aquatic organisms 1 | 5012 mg/l waterflea |
| EC50 other aquatic organisms 2 | 275 mg/l |
| EC50 72h - Algae [1] | 275 mg/l |

| PHENOXYETHANOL (122-99-6) | |
|--------------------------------|----------------------|
| LC50 fish 1 | 154 mg/l |
| EC50 Daphnia 1 | > 500 mg/l |
| EC50 other aquatic organisms 1 | > 500 mg/l waterflea |
| EC50 other aquatic organisms 2 | 443 mg/l |
| ErC50 (algae) | > 100 mg/l |

| Sodium laurylether (2 EO) sulphate (68891-38-3) | |
|---|----------------------------------|
| LC50 fish 1 | 7,1 mg/l |
| EC50 Daphnia 1 | 7,4 mg/l Daphnia magna (48h) |
| EC50 other aquatic organisms 1 | 7,2 mg/l waterflea |
| EC50 other aquatic organisms 2 | 27 mg/l |
| NOEC chronic fish | 1 mg/l Pimephales promelas (45d) |
| NOEC chronic algae | 0,27 mg/l Daphnia magna (21d) |

12.2. Persistence and degradability

| 2-butoxyethanol (111-76-2) | |
|---------------------------------|---|
| Persistence and degradability | Readily biodegradable in water. |
| Ethanol (64-17-5) | |
| Biochemical oxygen demand (BOD) | 0,8 – 0,967 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1,7 g O ₂ /g substance |

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Ethanol (64-17-5)

| | |
|-----------------|-----------------------------------|
| ThOD | 2,1 g O ₂ /g substance |
| BOD (% of ThOD) | 0,43 |

12.3. Bioaccumulative potential

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| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

2-butoxyethanol (111-76-2)

| | |
|---------------------------|---------------------------|
| Log Pow | 0,8 |
| Bioaccumulative potential | Slightly bioaccumulative. |

Ethanol (64-17-5)

| | |
|------------|-------|
| BCF fish 1 | 1 |
| Log Pow | -0,32 |

PHENOXYETHANOL (122-99-6)

| | |
|---------|------|
| Log Pow | 1,09 |
|---------|------|

Sodium laurylether (2 EO) sulphate (68891-38-3)

| | |
|---------|-----|
| Log Pow | 0,3 |
|---------|-----|

12.4. Mobility in soil

2-butoxyethanol (111-76-2)

| | |
|-----------------|--------------------------|
| Surface tension | 0,065 N/m (20 °C; 003) |
| Log Koc | 0,451 – 0,882 |
| Ecology - soil | Very mobile in the soil. |

Ethanol (64-17-5)

| | |
|-----------------|------------------|
| Surface tension | 22,31 mN/m |
| Log Koc | 0,2 |
| Ecology - soil | mobile in soils. |

PHENOXYETHANOL (122-99-6)

| | |
|-----------------|--------------------------|
| Surface tension | 70,7 mN/m |
| Log Koc | 1,6 |
| Ecology - soil | Very mobile in the soil. |

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

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12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local regulations.

Additional information : Clean up even minor leaks or spills if possible without unnecessary risk.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 16 10 01* - aqueous liquid wastes containing dangerous substances

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. : Not regulated

UN-No. (IMDG) : Not regulated

UN-No. (ICAO) : Not regulated

UN-No. (ADN) : Not regulated

UN-No. (RID) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated

Proper Shipping Name (IMDG) : Not regulated

Proper Shipping Name (IATA) : Not regulated

Proper Shipping Name (ADN) : Not regulated

Proper Shipping Name (RID) : Not regulated

14.3. Transport hazard class(es)

ADR

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

IMDG

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

IATA

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

ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

Packing group (ADN) : Not regulated

Packing group (RID) : Not regulated

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

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Other information : 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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : $\approx 8,76\%$

Detergent Regulation (648/2004/EC): Ingredient data sheet:

| Component | CAS-No. | % |
|------------------------|------------|-------------|
| AQUA | 7732-18-5 | $\geq 10\%$ |
| BUTOXYETHANOL | 111-76-2 | 1 - 10% |
| ALCOHOL | 64-17-5 | 1 - 10% |
| PHENOXYETHANOL | 122-99-6 | 0,1 - 1% |
| SODIUM LAURETH SULFATE | 68891-38-3 | 0,1 - 1% |
| | 5949-29-1 | <0,1% |
| BENZISOTHIAZOLINONE | 2634-33-5 | <0,1% |

Detergent Regulation (648/2004/EC): Labelling of contents:

| Component | % |
|---------------------|-----|
| anionic surfactants | <5% |

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Detergent Regulation (648/2004/EC): Labelling of contents:

| Component | % |
|---------------------|---|
| PHENOXYETHANOL | |
| BENZISOTHIAZOLINONE | |

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

France

Occupational diseases

| Code | Description |
|-------|---|
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-list of carcinogenic substances : Ethanol is listed

SZW-list of mutagenic substances : None of the components are listed

NON-exhaustive list of reprotoxic substances - : Ethanol is listed

Breastfeeding

SZW-lijst van reprotoxische stoffen – : Ethanol is listed

Vruchtbaarheid

NON-exhaustive list of reprotoxic substances - : Ethanol is listed

Development

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK) : LK 10/12 - Liquids

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|---------------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |

Rubio Surface Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.