

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2020/878)

No 4 Verbena Fragrance Roomspray

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

1.1. Product identifier

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| Product name | No 4 Verbena Fragrance Roomspray |
| Product code | None. |
| Unique formula identifier (UFI) | CTG0-W0QN-J003-KFXV |

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

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|-------------------------------------|-----------------|
| Use of the Substance/Mixture | Fragrance spray |
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1.3. Details of the supplier of the safety data sheet

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|---|---|
| Company/Undertaking Identification | MAREIN AG Bahnhofstrasse 134 CH-8957 Spreitenbach Tel: +41 (0)56 418 10 40 Mail: info@marein.ch |
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| 1.4. Emergency telephone number | 145 (Tox Info Suisse) |
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| Revision date | 20.06.2024 |
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| Version | GHS 1 |
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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| Classification according to Regulation (EC) No. 1272/2008 | Serious eye damage/eye irritation, Cat. 2, H319 Skin Sensitisation, Sub-Cat. 1B, H317 Flammable liquids, Cat. 3, H226 Hazardous to the aquatic environment, chronic, Cat. 3, H412 |
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| Additional information | For the full text of the phrases mentioned in this Section, see |
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2.2. Label elements**Signal Word**

Warning

Hazard Statements

H226: Flammable liquid and vapour.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H412: Harmful to aquatic life with long lasting effects.

Precautionary statements

P102: Keep out of reach of children.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 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.
 P501: Dispose of product residues with municipal waste.

Supplemental information

None.

Product identifier

Linalool, CAS-No. 78-70-6, EC-No. 201-134-4
 Linalylacetat, CAS-No. 115-95-7, EC-No. 204-116-4

2.3. Other hazards

Does not contain any PBT/vPvB substances $\geq 0.1\%$, assessed according to REACH Annex XIII.

SECTION 3: Composition/information on ingredients
3.2. Mixtures

Liquid mixture.

| Components | Weight % | CLP Classification | Product identifier |
|---|-------------|---|---|
| Ethanol | 30% - 40% | Eye Irrit. 2 H319, Flam. Liq. 2 H225 | CAS-No.: 64-17-5 EC-No.: 200-578-6 |
| Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) | 1% - 2.5% | Eye Irrit. 2 H319 | CAS-No.: 63500-71-0 EC-No.: 405-040-6 Index-No: 603-101-00-3 |
| Linalool | 1% - 2% | Skin Sens. 1B H317 | CAS-No.: 78-70-6 EC-No.: 201-134-4 Index-No: 603-235-00-2 |
| Linalylacetat | 1% - 2.5% | Skin Irrit. 2 H315, Eye Irrit. 2 H319, Skin Sens. 1B H317 | CAS-No.: 115-95-7 EC-No.: 204-116-4 |
| 2-cyclododecylpropan-1-ol | 0.1% - 0.5% | Aquatic Acute 1 H400, Aquatic Chronic 1 H410 | CAS-No.: 118562-73-5 EC-No.: 411-410-8 Index-No: 603-159-00-X |

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| 2H-1-Benzopyran-2-one (Coumarin) | 0.1% - 0.5% | Acute Tox. 4 H302, Skin Sens. 1 H317, Aquatic Chronic 3 H412 | CAS-No.: 91-64-5 EC-No.: 202-086-7 |
| geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol | 0.1% - 0.5% | Skin Sens. 1 H317 | CAS-No.: 106-24-1 EC-No.: 203-377-1 Index-No: 603-241-00-5 |

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician for severe cases. |
| Skin contact | If skin irritation persists, call a physician. Wash with water and soap as a precaution. |
| Eye contact | If eye irritation persists, consult a specialist. Rinse immediately with plenty of water, also under the eyelids. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary. |

4.2. Most important symptoms and effects, both acute and delayed Anticipated acute effects: Superficial burning sensation. Blurred vision. Erythema. Allergic appearance.

4.3. Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.

Unsuitable extinguishing media High volume water jet.

5.2. Special hazards arising from the substance or mixture During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3. Advice for firefighters

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| Special protective equipment for firefighters | Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Complete suit protecting against chemicals. |
| Specific methods | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| For non-emergency personnel | Avoid contact with skin and eyes. |
| For emergency responders | Avoid contact with skin and eyes. Use non-slip safety shoes in areas where spills or leaks can occur. |

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| 6.2. Environmental precautions | Contain spillage, and then collect with non-combustible absorbent material, (e.g. universal binder, sand, diatomaceous earth, vermiculite). Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system. |
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| 6.3. Methods and material for containment and cleaning up | Small quantities: Wipe up with adsorbent material (e.g. cloth, fleece). Large quantities: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable and closed containers for disposal (Plastic container of HDPE). |
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| 6.4. Reference to other sections | See chapter 8 and 13. |
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SECTION 7: Handling and storage

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| 7.1. Precautions for safe handling | Avoid contact with skin and eyes. |
| 7.2. Conditions for safe storage, including any incompatibilities | Keep container tightly closed. Store at room temperature in the original container. |
| 7.3. Specific end use(s) | No information available. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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| Exposure limit(s) | No data is available on the product itself. |
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| Ethanol (CAS 64-17-5) | |
| UK - Workplace Exposure Limits (WELs) - STELs | 3000 ppm STEL (calculated) 5760 mg/m ³ STEL (calculated) |

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| UK - Workplace Exposure Limits (WELs) - TWAs | 1000 ppm TWA 1920 mg/m ³ TWA |
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8.2. Exposure controls

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| Appropriate engineering controls | Handle in accordance with good industrial hygiene and safety practice. |
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Personal protection equipment

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| <i>Respiratory protection</i> | No special protective equipment required. |
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| <i>Hand protection</i> | Gloves made of latex. Break through time: > 4 h. Minimum layer thickness: 0.11mm. The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it. |
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| <i>Eye protection</i> | Safety glasses. |
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| <i>Skin and body protection</i> | Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
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| <i>Thermal hazards</i> | No special measures required. |
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| Environmental exposure controls | Prevent product from entering surface water or sewage. |
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Physical state | Liquid. |
| Colour | Green. |
| Odour | Perfumed. |
| Melting point/ freezing point: | < -20°C |
| Boiling point or initial boiling point / range: | 78°C (Ethanol) |
| Flammability: | flammable |
| Lower and upper explosion limit: | Not determined. |
| Flash point: | 28°C - 35°C |
| Auto-ignition temperature: | 400°C |
| Decomposition temperature: | Not determined. |
| pH: | neutral |
| Kinematic viscosity: | Not determined. |
| Solubility: | soluble (Water) |
| Partition coefficient n-octanol/water (log value): | Not determined. |
| Vapour pressure: | ~ 35-45 hPa |
| Density and/or relative density: | < 1.0 |
| Relative vapour density: | Not determined. |
| Particle characteristics: | Not applicable. |

9.2. Other information

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| 9.2.1 Information with regard to physical hazard classes | No information available. |
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| 9.2.2 Other safety characteristics | No information available. |
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SECTION 10: Stability and reactivity

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| 10.1. Reactivity | No information available. |
| 10.2. Chemical stability | No decomposition if used as directed. |
| 10.3. Possibility of hazardous reactions | No information available. |
| 10.4. Conditions to avoid | Burning produces obnoxious and toxic fumes. |
| 10.5. Incompatible materials | None. |
| 10.6. Hazardous decomposition products | None under normal use. |

SECTION 11: Toxicological information

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

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| Acute toxicity | <p>No data is available on the product itself.</p> <p>Ethanol (CAS 64-17-5) Inhalation LC50 Rat = 116.9 mg/L 4 h(ECHA_API) Inhalation LC50 Rat = 133.8 mg/L 4 h(ECHA_API) Oral LD50 Rat = 7060 mg/kg (NLM_CIP)</p> <p>Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (CAS 63500-71-0) Dermal LD50 Rabbit > 2000 mg/kg (ECHA_API)</p> <p>Linalool (CAS 78-70-6) Inhalation LC50 Mouse > 3.2 mg/L 90 min(ECHA_API) Dermal LD50 Rabbit = 5610 mg/kg (ECHA_API) Oral LD50 Rat = 2790 mg/kg (NLM_CIP)</p> <p>Linalylacetat (CAS 115-95-7) Dermal LD50 Rabbit > 5000 mg/kg (ECHA) Inhalation LC50 Rat > 18.94 mg/L 8 h(ECHA) Oral LD50 Rat = 14550 mg/kg (EPA_HP)</p> <p>2H-1-Benzopyran-2-one (Coumarin) (CAS 91-64-5) Dermal LD50 Rat = 293 mg/kg (ECHA_API) Oral LD50 Rat > 5000 mg/kg (JAPAN_GHS)</p> <p>geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol (CAS 106-24-1) Dermal LD50 Rabbit > 5 g/kg (NLM_CIP) Oral LD50 Rat = 3600 mg/kg (NLM_CIP)</p> |
| Skin corrosion/irritation | Mild skin irritation. |
| Serious eye damage/eye irritation | Causes serious eye irritation. |
| Respiratory / Skin Sensitisation | May cause an allergic skin reaction. |
| Carcinogenicity | Based on available data, the classification criteria are not met. |

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| Germ cell mutagenicity | Based on available data, the classification criteria are not met. |
| Reproductive toxicity | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity (single exposure) | No data available. |
| Specific target organ toxicity (repeated exposure) | No data available. |
| Aspiration hazard | No data available. |
| Human experience | No data available. |

11.2. Information on other hazards

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| Endocrine disrupting properties | Contains no endocrine disrupting chemicals. |
| Other information | No data available. |

SECTION 12: Ecological information

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| 12.1. Toxicity | Harmful to aquatic life with long lasting effects. |
| Ethanol (CAS 64-17-5) | |
| Ecotoxicity - Earthworm - Acute Toxicity Data | LC50 48 h Eisenia foetida 0.1 - 1 mg/cm2 [filter paper] (IUCLID) |
| Ecotoxicity - Freshwater Fish - Acute Toxicity Data | LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L [static] (EPA) LC50 96 h Pimephales promelas >100 mg/L [static] (EPA) LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through] (EPA) |
| Ecotoxicity - Water Flea - Acute Toxicity Data | LC50 48 h Daphnia magna 9268 - 14221 mg/L (IUCLID) EC50 48 h Daphnia magna 2 mg/L [Static] (EPA) |
| Linalool (CAS 78-70-6) | |
| Ecotoxicity - Freshwater Algae - Acute Toxicity Data | EC50 96 h Desmodesmus subspicatus 88.3 mg/L (IUCLID) |
| Ecotoxicity - Freshwater Fish - Acute Toxicity Data | LC50 96 h Oncorhynchus mykiss 27.8 mg/L [static] (ECHA) |
| Ecotoxicity - Water Flea - Acute Toxicity Data | EC50 48 h Daphnia magna 20 mg/L (IUCLID) |
| Linalylacetat (CAS 115-95-7) | |
| Ecotoxicity - Freshwater Fish - Acute Toxicity Data | LC50 96 h Cyprinus carpio 11 mg/L [flow-through] (ECHA) |
| geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol (CAS 106-24-1) | |
| Ecotoxicity - Freshwater Fish - Acute Toxicity Data | LC50 96 h Danio rerio 22 mg/L [static] (approximately, ECHA) (ECHA) |
| 12.2. Persistence and degradability | Expected to be biodegradable. |
| 12.3. Bioaccumulative potential | No data is available on the product itself. |
| 12.4. Mobility in soil | No data available. |
| 12.5. Results of PBT and vPvB assessment | No information available. |

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| 12.6. Endocrine disrupting properties | Contains no endocrine disrupting chemicals. |
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| 12.7. Other adverse effects | No information available. |
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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| Waste from residues / unused products | Dispose of in accordance with local regulations. |
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| Contaminated packaging | Dispose of as unused product. |
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SECTION 14: Transport information

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| 14.1. UN number or ID number | UN 1169 |
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| 14.2. UN proper shipping name | EXTRACTS, AROMATIC, LIQUID (Ethanol) |
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| 14.3. Transport hazard class(es) | 3 |
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| 14.4. Packing group | III |
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| 14.5. Environmental hazards | Marine pollutant: No. |
|------------------------------------|-----------------------|

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| 14.6. Special precautions for user | Not applicable. |
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| 14.7. Maritime transport in bulk according to IMO instruments | Not applicable. |
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UN Model Regulations

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| ADR/RID | UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group III. ADR/RID-Labels 3. Classification code F1. Hazard identification no. 30. Limited quantity 5 L. Excepted quantity E1. Transport category 3. Tunnel restriction code (D/E). |
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| IMDG | UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group III. IMDG-Labels 3. Limited quantity 5 L. Excepted quantity E1. EmS F-E, S-D. Marine pollutant: No. |
| IATA | UN 1169. Proper shipping name: Extracts, aromatic, liquid (Ethanol). Class 3. Packing group III. IATA label 3. Packing instruction (passenger aircraft): 355 (60 L). Packing instruction (LQ): Y344 (10 L). Packing instruction (cargo aircraft): 366 (220 L). |
| Inland navigation ADN | UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group III. ADN labels 3. Classification code F1. Limited quantity 5 L. Excepted quantity E1. |
| Further Information | None. |

SECTION 15: Regulatory information

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

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| Regulatory Information | Take note of Dir 94/33/EC on the protection of young people at work. |
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Ethanol (CAS 64-17-5)

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| EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances | 036 Product type 1, 2, 4 (200-578-6) |
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| EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC | Product type: 3 |
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| EU - REACH (1907/2006) - List of Registered Substances | Present |
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Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (CAS 63500-71-0)

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| EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | Use restricted. See entry 75. |
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| EU - REACH (1907/2006) - List of Registered Substances | Present |
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Linalool (CAS 78-70-6)

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| EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC | Product type: 19 |
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| EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | Use restricted. See entry 75. |
| EU - REACH (1907/2006) - List of Registered Substances | Present |
| Linalylacetat (CAS 115-95-7) | |
| EU - REACH (1907/2006) - List of Registered Substances | Present |
| 2-cyclododecylpropan-1-ol (CAS 118562-73-5) | |
| EU - REACH (1907/2006) - List of Registered Substances | Present |
| 2H-1-Benzopyran-2-one (Coumarin) (CAS 91-64-5) | |
| EU - REACH (1907/2006) - List of Registered Substances | Present |
| geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol (CAS 106-24-1) | |
| EU - Cosmetics (1223/2009) - Annex III - Other Limitations and Requirements | The presence of the substance must be indicated in the list of ingredients referred to in Article 19[1][g] when the concentration exceeds: 0.001% in leave-on products, 0.01% in rinse-off products |
| EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances | 117 Product type 18, 19 (203-377-1) |
| EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | Use restricted. See entry 75. |
| EU - REACH (1907/2006) - List of Registered Substances | Present |
| 15.2. Chemical safety assessment | Not required. |

SECTION 16: Other information

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| Key or legend to abbreviations and acronyms | CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS) |
| Key literature references and sources for data | Sources of key data used to compile the Safety Data Sheet: REACH, ECHA. |
| Classification procedure | Classification according to Regulation (EC) No. 1272/2008. |
| Full text of phrases referred to under sections 2 and 3 | H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye 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. |
| Further information | Take notice of the directions of use on the label. |

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.