

Created: 17 November 2020

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Pine Floor Gel

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

- Use of the substance/mixture: Floor cleaner and maintainer which leaves a high shine on the floor and fresh pine scent.
- Use advised against: Do not use on unsealed wood.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Unico Ltd
- Address of Supplier: North Main Street
Carronshore
Falkirk
FK2 5HT
UK
- Telephone: +44 (0) 1324 573400
- Email: sales@unicodirect.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1324 573410
(Office hours only Mon– Fri 08:30 – 17:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Skin Irrit. 2, H315; Eye Irrit. 2, H319
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



- Signal Word: Warning
- Hazard statements
 - H315 - Causes skin irritation.
 - H319 - Causes serious eye irritation.
- Precautionary statements
 - P264 - Wash thoroughly after handling.
 - P280 - Wear protective gloves/eye protection/face protection.
 - 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 contents/container to an authorised waste collection point
- Supplemental Hazard information (EU)
 - Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): Contains amongst other ingredients, 5 % or over but less than 15 % anionic surfactants; perfume (geraniol, d-limonene)

2.3 Other hazards

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SECTION 2: Hazards identification (....)

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

| Chemical Name | Conc. | CAS No. | EC No. | Classification (REGULATION (EC) No 1272/2008) [CLP/GHS] | REACH Registration Number | SCL/ M-Factor/ ATE | WEL/ OEL |
|--|--------|------------|-----------|---|---------------------------|-------------------------------|----------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | < 10% | 84961-74-0 | 284-664-9 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 | - | - | No |
| 2-Aminoethanol; Ethanolamine | < 3 % | 141-43-5 | 205-483-3 | Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Chronic 3, H412 | 01-2119486455-28 -XXXX | STOT SE 3 H335: C ≥ 5 % | Yes |
| (2-methoxymethylethoxy) propanol | < 1% | 34590-94-8 | 252-104-2 | Not classified | - | - | Yes |
| Bornan-2-one | < 1 % | 76-22-2 | 200-945-0 | Flam. Sol. 2, H228 Acute Tox. 4, H302 Acute Tox. 4, H332 STOT SE 2, H371 | - | - | Yes |
| Diphenyl ether | < 0.1% | 101-84-8 | 202-981-2 | Eye Irrit. 2, H319 Aquatic Chronic 2, H411 | - | - | Yes |

Information on ingredients as required by the Detergents Regulation (EC 684/2004, 907/2006):

| Chemical Name | INCI Name | PH.EUR. Name | CAS No. | Conc. |
|--|---------------|--------------|------------|----------------------------------|
| Water | AQUA | Aqua | 7732-18-5 | 10% or more |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | - | - | 84961-74-0 | 1 % or over, but less than 10 % |
| Fatty acids, tall-oil | TALL OIL ACID | - | 61790-12-3 | 1 % or over, but less than 10 % |
| Perfume (Parfum) | - | - | - | 0.1 % or over, but less than 1 % |
| 2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)- | GERANIOL | - | 106-24-1 | 0.1 % or over but less than 1 % |
| d-Limonene | D-LIMONENE | - | 5989-27-5 | 0.1 % or over, but less than 1 % |
| Colorant | - | - | - | Less than 0.1 % |

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
If substance has got into eyes, immediately wash out with plenty of water for several minutes
Irrigate eyes thoroughly whilst lifting eyelids
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

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SECTION 4: First aid measures (....)

- Contact with skin
Gently wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
- Ingestion
Rinse mouth.
Give plenty of water to drink
Get medical advice/attention.
- Inhalation
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Keep warm and at rest, in a half upright position. Loosen clothing
If exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
Causes redness and irritation
- Contact with skin
Causes redness and irritation
May cause allergic reaction in susceptible people
- Ingestion
May cause nausea/vomiting
- Inhalation
May cause respiratory tract irritation.

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: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

- Decomposition products may include nitrogen and carbon oxides

5.3 Advice for firefighters

- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
 - Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Rescuers should take suitable precautions to avoid becoming casualties themselves
 - Personal precautions for non-emergency personnel: Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wash thoroughly after handling.
 - Personal precautions for emergency responders: Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended); Wash thoroughly after dealing with spillage
-

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SECTION 6: Accidental release measures (....)

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up

- Small spills
 - Wipe up spillage with damp absorbent cloth or towel
- Large spills
 - Contain the spillage using bunding
 - Absorb spillage in suitable inert material
 - Place in appropriate container
 - Seal containers and label them
 - Remove contaminated material to safe location for subsequent disposal
 - Ventilate the area and wash spill site after material pick-up is complete
 - Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

- See section(s): 7,8 &13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use only in well ventilated areas
- Avoid breathing vapours, mist or gas
- Do not get in eyes, on skin, or on clothing.
- Wear protective clothing as per section 8
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.
- Contaminated clothing should be laundered before reuse

7.2 Conditions for safe storage, including any incompatibilities

- Keep locked up and out of reach of children
- Keep away from food, drink and animal feedingstuffs
- Keep only in the original container
- Keep container tightly closed, in a cool, well ventilated place
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Opened containers should be carefully resealed and stored in an upright position
- Incompatible with acid, oxidizing agents, halogenated compounds, acid chlorides and acid anhydrides

7.3 Specific end use(s)

- Cleaning agent
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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SECTION 8: Exposure controls/personal protection (....)

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine
DNEL (inhalational) 3.33 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 940 µg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 820 µg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 470 µg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 470 µg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 268 µg/L
PNEC aqua (intermittent releases, freshwater) 268 µg/L
PNEC aqua (marine water) 26.8 µg/L
PNEC (STP) 1.67 mg/L
PNEC sediment (freshwater) 8.1 mg/kg
PNEC sediment (marine water) 8.1 mg/kg
PNEC terrestrial (soil) 35 mg/kg
- 2-Aminoethanol
(EU) OELV (long term TWA) 1 ppm 2.5 mg/m³
(EU) OELV (short term limit value) 3 ppm 7.6 mg/m³
WEL (long term) 1 ppm 2.5 mg/m³ (UK, can be absorbed through the skin)
WEL (short term limit value) 3 ppm 7.6 mg/m³ (UK, can be absorbed through the skin)
DNEL (inhalational) 1 mg/m³ Industry, Long Term, Systemic Effects
DNEL (inhalational) 510 µg/m³ Industry, Long Term, Local Effects
DNEL (dermal) 3 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 180 µg/m³ Consumer, Long Term, Systemic Effects
DNEL (inhalational) 280 µg/m³ Consumer, Long Term, Local Effects
DNEL (dermal) 1.5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 1.5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 70 µg/L
PNEC aqua (intermittent releases, freshwater) 28 µg/L
PNEC aqua (marine water) 7 µg/L
PNEC (STP) 100 mg/L
PNEC sediment (freshwater) 357 µg/kg
PNEC sediment (marine water) 35.7 µg/kg
PNEC terrestrial (soil) 1.29 mg/kg
- (2-methoxymethylethoxy) propanol
(EU) OELV (long term TWA) 50 ppm 308 mg/m³
WEL (long term) 50 ppm 308 mg/m³ (UK, can be absorbed through the skin)
DNEL (inhalational) 308 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 283 mg/kg (bw/day) Industry, Long Term, Systemic Effects
DNEL (inhalational) 37.2 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 121 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
DNEL (oral) 36 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 19 mg/L
PNEC aqua (intermittent releases, freshwater) 190 mg/L
PNEC aqua (marine water) 1.9 mg/L
PNEC (STP) 4.168 g/L
PNEC sediment (freshwater) 70.2 mg/kg
PNEC sediment (marine water) 7.02 mg/kg
PNEC terrestrial (soil) 2.74 mg/kg
- Bornan-2-one
WEL (long term) 2 ppm 13 mg/m³ (UK)

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SECTION 8: Exposure controls/personal protection (....)

WEL (short term limit value) 3 ppm 19 mg/m³ (UK)
 DNEL (inhalational) 17.632 mg/m³ Industry, Long Term, Systemic Effects
 DNEL (dermal) 10 mg/kg (bw/day) Industry, Long Term, Systemic Effects
 DNEL (inhalational) 4.348 mg/m³ Consumer, Long Term, Systemic Effects
 DNEL (dermal) 5 mg/kg (bw/day) Consumer, Long5 Term, Systemic Effects
 DNEL (oral) 5 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
 PNEC aqua (freshwater) 1.71 µg/L
 PNEC aqua (intermittent releases, freshwater) 17.1 µg/L
 PNEC aqua (marine water) 171 ng/L
 PNEC aqua (intermittent releases, marine water) 1.71 µg/L
 PNEC (STP) 1 mg/L
 PNEC sediment (freshwater) 139 µg/kg
 PNEC sediment (marine water) 17.4 µg/kg
 PNEC terrestrial (soil) 13.26 µg/kg

- Diphenyl ether
 - (EU) OELV (long term TWA) 1 ppm 7 mg/m³
 - (EU) OELV (short term limit value) 2 ppm 14 mg/m³
 - WEL (long term) 1 ppm 7 mg/m³ (UK, vapour)
 - WEL (short term limit value) 2 ppm 14 mg/m³ (UK, vapour)
 - DNEL (inhalational) 59 mg/m³ Industry, Long Term, Systemic Effects
 - DNEL (inhalational) 7 mg/m³ Industry, Long Term, Local Effects
 - DNEL (inhalational) 14 mg/m³ Industry, Acute/Short Term, Local Effects
 - DNEL (dermal) 25 mg/kg (bw/day) Industry, Long Term, Systemic Effects
 - PNEC aqua (freshwater) 455 ng/L
 - PNEC aqua (intermittent releases, freshwater) 4.55 µg/L
 - PNEC aqua (marine water) 45.5 ng/L
 - PNEC (STP) 10 mg/L
 - PNEC sediment (freshwater) 92.6 µg/kg
 - PNEC sediment (marine water) 9.26 µg/kg
 - PNEC terrestrial (soil) 18.3 µg/kg

8.2 Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
 - Ensure adequate ventilation
 - If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- Respiratory protection
 - No respiratory protection is needed during normal handling
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Eye/face protection
 - Wear safety glasses approved to standard EN 166.
 - When handling this substance, e.g. diluting, wear goggles giving complete eye protection
- Skin protection
 - Wear suitable protective clothing
 - Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
 - The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.
 - Neoprene or nitrile rubber are recommended
- Hygiene measures
 - Use good personal hygiene practices
 - Do not eat, drink or smoke when using this product.
 - Wash thoroughly after handling.

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SECTION 8: Exposure controls/personal protection (....)

Contaminated clothing should be laundered before reuse

- Environmental exposure controls
Do not allow to penetrate the ground/soil.
Do not empty into drains



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Green viscous liquid
- Odour: Pine odour
- Odour threshold: No information available
- pH: 9.5 - 10.5
- Melting point/freezing point: Approx. 0 °C
- Initial boiling point and boiling range: Approx. 100 °C
- Flashpoint: Not applicable
- Evaporation Rate: No information available
- Flammability (solid,gas): Not flammable
- Upper/lower flammability or explosive limits: Not applicable
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: 0.980 - 1.000
- Solubility(ies): Soluble in water
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: No information available
- Decomposition temperature: No information available
- Viscosity: 10 000 - 30 000 cP
- Explosive Properties: Non-explosive
- Oxidising properties: Not oxidising

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid extremes of temperature

10.5 Incompatible materials

- Incompatible with acid, oxidizing agents, halogenated compounds, acid chlorides and acid anhydrides

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SECTION 10: Stability and reactivity (....)

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity

Based on available data, the classification criteria are not met

Substances

| Chemical Name | LD ₅₀ (oral, rat) | LC ₅₀ (inhalation, rat) | LD ₅₀ (dermal, rabbit) |
|--|---------------------------------|---------------------------------------|--------------------------------------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | 2 000 mg/kg | No data available | (Rat) 400 - 2 000 mg/kg |
| 2-Aminoethanol | 1 089 - 1 515 mg/kg | (6 h) 1.3 mg/L air | 2 504 - 2 881 mg/kg |
| (2-methoxymethylethoxy) propanol | 5 000 mg/kg | LC0 (7 h) 275 ppm | 9 510 mg/kg |
| Bornan-2-one | 5 000 mg/kg | No data available | No data available |
| Diphenyl ether | 2 830 mg/kg | No data available | 7 940 mg/kg |

- Skin corrosion/irritation
Causes skin irritation.
Classification based on calculation and concentration thresholds
- Serious eye damage/irritation
Causes serious eye irritation.
Classification based on calculation and concentration thresholds
- Respiratory or skin sensitisation
Based on available data, the classification criteria are not met
- Germ cell mutagenicity
No evidence of mutagenic effects
- Carcinogenicity
No evidence of carcinogenic effects

Substances

| Chemical Name | NOAEL (oral, rat) | NOAEC (inhalation, rat) | NOAEL (dermal, rat) |
|--|----------------------|-----------------------------|------------------------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | No data available | No data available | No data available |
| 2-Aminoethanol | No data available | No data available | No data available |
| (2-methoxymethylethoxy) propanol | No data available | 18 184.05 mg/m ³ | No data available |
| Bornan-2-one | No data available | No data available | No data available |
| Diphenyl ether | No data available | No data available | No data available |

- Reproductive toxicity
No evidence of reproductive effects

Substances

| Chemical Name | NOAEL (oral, rat) | NOAEC (inhalation, rat) | NOAEL (dermal, rat) |
|---------------|----------------------|----------------------------|------------------------|
| | | | |

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SECTION 11: Toxicological information (....)

| | | | |
|--|---|-------------------|-------------------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | No data available | No data available | No data available |
| 2-Aminoethanol | 300 mg/kg bw/day (Effect on fertility) 450 mg/kg bw/day (Effect on developmental toxicity) | No data available | No data available |
| (2-methoxymethylethoxy) propanol | No data available | No data available | No data available |
| Bornan-2-one | (Rabbit) 400 mg/kg bw/day (Effect on fertility) | No data available | No data available |
| Diphenyl ether | No data available | No data available | No data available |

- Specific target organ toxicity (STOT) - single exposure
Based on available data, the classification criteria are not met
- Specific target organ toxicity (STOT) - repeated exposure
Based on available data, the classification criteria are not met

Substances

| Chemical Name | NOAEL (oral, rat) | NOAEC (inhalation, rat) | NOAEL (dermal, rat) |
|--|--------------------------|----------------------------|---------------------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | 40 - 85 mg/kg bw/day | 100 mg/m ³ air | No data available |
| 2-aminoethanol | 300 mg/kg bw/day | 10 mg/m ³ air | No data available |
| (2-methoxymethylethoxy) propanol | 200 - 1 000 mg/kg bw/day | 1 232 mg/m ³ | 2 850 mg/kg bw/day |
| Bornan-2-one | 3.2 mg/kg bw/day | No data available | 250 mg/kg bw/day |
| Diphenyl ether | 301 mg/kg bw/day | 35 - 139 mg/m ³ | 1 000 mg/kg bw/day |

- Aspiration hazard
Based on available data, the classification criteria are not met
- Contact with eyes
Causes redness and irritation
- Contact with skin
Causes redness and irritation
May cause allergic reaction in susceptible people
- Ingestion
May cause nausea/vomiting
- Inhalation
May cause respiratory tract irritation.

SECTION 12: Ecological information

12.1 Toxicity

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

Substances

| Chemical Name | LC ₅₀ (fish) | EC ₅₀ (aquatic invertebrates) | EC ₅₀ (aquatic algae) |
|--|-------------------------|--|----------------------------------|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with 2-propanamine | (4 days) 1.67 - 40 mg/L | (48 h) 2.9 - 7.1 mg/L | (72 h) 18.9 - 190 mg/L |
| 2-aminoethanol | (4 days) 349 mg/L | (48 h) 27.04 - 65 mg/L | (72 h) 2.1 - 2.8 mg/L |
| (2-methoxymethylethoxy) propanol | (4 days) 1 - 10 g/L | (48 h) 1.919 g/L | (72 h) 969 mg/L |
| Bornan-2-one | (4 days) 33.25 mg/L | (48 h) 4.23 mg/L | (72 h) 300 - 1 710 µg/L |
| Diphenyl ether | (4 days) 4.2 mg/L | (48 h) 1.96 mg/L | (72 h) 304 - 580 µg/L |

12.2 Persistence and degradability

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SECTION 12: Ecological information (....)

- 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.

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Other adverse effects

- No information available
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
 - Hazardous Property Code(s): HP 4 Irritant
-

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not Classified

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
 - ADR UN No.: Not applicable
-

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SECTION 14: Transport information (....)

- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable
 - ICAO UN No.: Not applicable
 - ICAO Hazard Class: Not applicable
 - ICAO Packing Group: Not applicable
-

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): Contains amongst other ingredients, 5 % or over but less than 15 % anionic surfactants; perfume (geraniol, d-limonene)

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
-

SECTION 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. The company will not be held liable for any damage resulting from handling or from contact with this product.

Sources of data: Information from published literature and supplier safety data sheets

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Skin Irrit. 2, H315: Classification based on calculation and concentration thresholds
- Eye Irrit. 2, H319: Classification based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H228: Flammable solid
 - H302: Harmful if swallowed
 - H312: Harmful in contact with skin.
 - H314: Causes severe skin burns and eye damage
 - H315: Causes skin irritation.
 - H318: Causes serious eye damage
 - H319: Causes serious eye irritation.
 - H332: Harmful if inhaled
 - H335: May cause respiratory irritation
 - H371: May cause damage to organs
 - H411: Toxic to aquatic life with long lasting effects
-

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SECTION 16: Other information (....)

- H412: Harmful to aquatic life with long lasting effects

Acronyms

- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC₅₀: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC₅₀: Lethal Concentration, 50%
- LD₅₀: Lethal Dose, 50%
- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- STOT RE: Specific Target Organ Toxicity Repeated Exposure
- STOT SE: Specific Target Organ Toxicity Single Exposure
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---
