Safety Data Sheet

according to Regulation (EC) No 1907/2006

FLOORTOP

Revision date: 15.03.2018
Product code: 70305_CLP
Page 1 of 10

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

1.1. Product identifier

FLOORTOP

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

Use of the substance/mixture
- For cleaning up
- Reserved for industrial and professional use.

Uses advised against
- No information available.

1.3. Details of the supplier of the safety data sheet

Company name: DR.SCHNELL GmbH & Co. KGaA
Street: Taunusstraße 19
Place: D-80807 München
Telephone: +49/89/350608-0
Fax: +49/89/350608-47
E-mail: info@dr-schnell.de
Contact person: Josef Feuerstein
Telephone: +49/89/350608-46
E-mail: sdb@dr-schnell.de
Internet: www.dr-schnell.de
Responsible Department: Labor

1.4. Emergency telephone number:

Emergency CONTACT (24-Hour-Number) international:
GBK GmbH +49 (0) 61 32 - 8 44 63

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008
Special labelling of certain mixtures
EUH210 Safety data sheet available on request.

2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1 - &lt; 5 %</td>
<td>Flam. Liq. 2, Eye Irrit. 2; H225 H319</td>
</tr>
<tr>
<td>200-578-6</td>
<td>603-002-00-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>246-770-3</td>
<td>01-2119456811-38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate C9-C11</td>
<td>1 - &lt; 5 %</td>
<td>Acute Tox. 4, Eye Irrit. 2; H302 H319</td>
</tr>
<tr>
<td>25265-71-8</td>
<td>Oxydipropanol</td>
<td>&lt; 0.1 %</td>
<td></td>
</tr>
</tbody>
</table>

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

Further Information
- Regulation (EC) No. 648/2004 (Detergents regulation)
- 5 % - < 15 % nonionic surfactants
- perfumes: Citronella oil, Citral, limonene, linalool
- Benzisothiazolinone, Methylisothiazolinone

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
- If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. Move victim out of danger zone. Provide fresh air.
- In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin
- After contact with skin, wash immediately with plenty of water and soap.
- Remove contaminated clothing immediately and dispose off safely.
- In case of skin irritation, seek medical treatment.

After contact with eyes
- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.
- In all cases of doubt, or when symptoms persist, seek medical advice.

After ingestion
- Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.
- Call a physician immediately. To be accompanied by MSDS.

4.2. Most important symptoms and effects, both acute and delayed
- If applicable, delayed symptoms and effects can be found in section 11., i.e. under section 4.1 for absorption methods.
- It can take hours before symptoms of poisoning show up following exposure.

4.3. Indication of any immediate medical attention and special treatment needed
- Treat symptomatically. No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
- Co-ordinate fire-fighting measures to the fire surroundings. Water spray. / alcohol resistant foam. / Carbon dioxide (CO2). / Dry extinguishing powder.

Unsuitable extinguishing media
- High power water jet.

5.2. Special hazards arising from the substance or mixture
- Non-flammable.
- Hazardous combustion products
- Oxides of carbon
- Gas/vapours, toxic.

5.3. Advice for firefighters
- In case of fire and/or explosion do not breathe fumes.
- If necessary Full protective suit.

Additional information
- Use water spray jet to protect personnel and to cool endangered containers.
- Suppress gases/vapours/mists with water spray jet.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
- Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition. No smoking.
- Provide adequate ventilation.
- Avoid contact with eyes and skin.
- If necessary Caution, slippery

6.2. Environmental precautions
- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Stop leak if safe to do so.
- Do not pour down the drain undiluted.

6.3. Methods and material for containment and cleaning up
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
- Can be diluted with water
- Flush residue with plenty of water.

6.4. Reference to other sections
- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13 For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
- Advice on safe handling
  - If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.
- Advice on protection against fire and explosion
  - No special fire protection measures are necessary.
- Further information on handling
  - Provide adequate ventilation.
Keep away from sources of ignition - No smoking.
Avoid contact with eyes and skin.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.
General hygiene measures for the handling of chemicals are applicable.
Observe instructions for use.
Notice the directions for use on the label.
Working methods should be applied according to operating instructions.
Keep away from food, drink and animal feedingstuffs.
Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Not to be stored in gangways or stair wells.
Store product closed and only in original packing.
storage temperature: at room temperature

Advice on storage compatibility
No special measures are necessary.

7.3. Specific end use(s)
No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1000</td>
<td>1920</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls
If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.
This can be achieved by local exhaust ventilation or general ventilation.
When exceeding the occupational exposure limit (OEL): Use appropriate respiratory protection.
Applies only if maximum permissible exposure values are listed here.

Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.
Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and after work.
Keep away from food, drink and animal feedingstuffs.
Contaminated work clothing should not be allowed out of the workplace.

Eye/face protection
Recommendation: Tightly sealed safety glasses. (EN 166)
For Danger of splashes.

Hand protection
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the
supplier of these gloves. Recommended rubber gloves. (EN 374)
Hand lotion are recommended.

No tests have been carried out.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection
Wear suitable protective clothing.

Respiratory protection
In case of inadequate ventilation wear respiratory protection. With correct and proper use, and under normal conditions, breathing protection is not required.
When exceeding the occupational exposure limit (OEL): Filter A (EN 14387), brown
Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls
No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>green</td>
</tr>
<tr>
<td>Odour:</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

Test method
pH-Value: ~8,5

Changes in the physical state

<table>
<thead>
<tr>
<th>Melting point:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point:</td>
<td>78 °C</td>
</tr>
<tr>
<td>Sustaining combustion:</td>
<td>Not sustaining combustion</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>Solid:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas:</td>
<td>not determined</td>
</tr>
</tbody>
</table>

Explosive properties

The product is not: Explosive.

<table>
<thead>
<tr>
<th>Lower explosion limits:</th>
<th>3,5 vol. % Ethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper explosion limits:</td>
<td>15 vol. % Ethanol</td>
</tr>
</tbody>
</table>

Auto-ignition temperature

<table>
<thead>
<tr>
<th>Solid:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas:</td>
<td>not determined</td>
</tr>
</tbody>
</table>

Decomposition temperature:

| not determined |

Oxidizing properties

| not determined |

Vapour pressure:

| not determined |

Vapour pressure:

| not determined |

Density:

| 1,004 g/cm³ |

Bulk density:

| not applicable |
Water solubility: easily soluble., miscible.

**Solubility in other solvents**
- not determined

- Partition coefficient: not determined
- Viscosity / dynamic: not determined
- Viscosity / kinematic: not determined
- Vapour density: not determined
- Evaporation rate: not determined
- Solvent content: not determined

**9.2. Other information**

- Solid content: not determined
- Mixability: not determined
- Fat solubility (g/l): not determined
- Conductivity: not determined
- Surface tension: not determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
Not expected.

**10.2. Chemical stability**
Stable with proper storage and handling.

**10.3. Possibility of hazardous reactions**
No dangerous reactions known.

**10.4. Conditions to avoid**
See also section 7.
- Heat, open flames, ignition sources

**10.5. Incompatible materials**
Avoid contact with strong oxidants

**10.6. Hazardous decomposition products**
See also section 5.2.
No decomposition when used as directed.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicokinetics, metabolism and distribution**
Possibly more information on health effects, see Section 2.1 (classification).

**Acute toxicity**
Based on available data, the classification criteria are not met.
Irritation and corrosivity
Based on available data, the classification criteria are not met.

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

Carcinogenic/mutagenic/toxic effects for reproduction
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.

SECTION 12: Ecological information

12.1. Toxicity
See section 2.1 (rating) for potentially additional information concerning environmental effects.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>LD50</td>
<td>10410</td>
<td></td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>&gt;2000</td>
<td></td>
<td>Rabbit</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50</td>
<td>117-125</td>
<td></td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate C9-C11</td>
<td>LD50</td>
<td>&gt;2000-5000</td>
<td></td>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50</td>
<td>&gt;20,1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Acute fish toxicity | LC50 | 13000 | 96 h | Oncorhynchus mykiss (Rainbow trout) |
| Acute algae toxicity | ErC50 | 275 mg/l | 72 h | Chlorella vulgaris |
| Acute crustacea toxicity | EC50 | 12340 | 48 h | Daphnia magna (Big water flea) |

12.2. Persistence and degradability
The surfactant contained in this mixture complies 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 data available

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>-0.35</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation. Dispose of waste according to applicable legislation. For example: designated incinerator. E.g. dispose at suitable refuse site.

Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Completely empty containers. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable

Inland waterways transport (ADN)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable

Marine transport (IMDG)

14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable
14.4. Packing group: not applicable
14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable

Air transport (ICAO-TI/IATA-DGR)
14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class(es): not applicable

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information
2010/75/EU (VOC): 2,956 % (29,8 g/l)
2004/42/EC (VOC): 2,96 % (29,838 g/l)

Additional information

National regulatory information
Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Revised sections: 1, 2, 7, 11, 16

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
EUH210 Safety data sheet available on request.
Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)