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

1.1. **Product identifier**

PRIMA WOOL

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

**Use of the substance/mixture**
- Professional use of laundry products
- Industrial use of laundry products

**Uses advised against**
- No information available.

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

<table>
<thead>
<tr>
<th>Company name:</th>
<th>DR. SCHNELL GmbH &amp; Co. KGaA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street:</td>
<td>Taunusstraße 19</td>
</tr>
<tr>
<td>Place:</td>
<td>D-80807 München</td>
</tr>
<tr>
<td>Telephone:</td>
<td>+49/89/350608-0</td>
</tr>
<tr>
<td>Telefax:</td>
<td>+49/89/350608-47</td>
</tr>
<tr>
<td>e-mail:</td>
<td><a href="mailto:info@dr-schnell.de">info@dr-schnell.de</a></td>
</tr>
<tr>
<td>Contact person:</td>
<td>Josef Feuerstein</td>
</tr>
<tr>
<td>e-mail:</td>
<td><a href="mailto:sdb@dr-schnell.de">sdb@dr-schnell.de</a></td>
</tr>
<tr>
<td>Internet:</td>
<td><a href="http://www.dr-schnell.de">www.dr-schnell.de</a></td>
</tr>
<tr>
<td>Responsible Department:</td>
<td>Labor</td>
</tr>
</tbody>
</table>

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**
- Hazard Statements:
  - Causes serious eye irritation.

2.2. **Label elements**

**Regulation (EC) No. 1272/2008**

**Signal word:** Warning

**Pictograms:**

- ![Warning Pictogram]

**Hazard statements**
- H319 Causes serious eye irritation.

**Precautionary statements**
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P280 Wear Eye/face protection.

**Special labelling of certain mixtures**

**Additional advice on labelling**
- On basis of test data.
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>
</tr>
</thead>
<tbody>
<tr>
<td>68411-30-3</td>
<td>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</td>
<td>5-&lt;10 %</td>
</tr>
<tr>
<td>270-115-0</td>
<td>201-2119489428-22</td>
<td></td>
</tr>
<tr>
<td>15763-76-5</td>
<td>Sodium cumenesulphonate</td>
<td>1-&lt;3 %</td>
</tr>
<tr>
<td>239-854-6</td>
<td>201-2119489411-37</td>
<td></td>
</tr>
<tr>
<td>164524-02-1</td>
<td>Potassium p cumolsulfonat</td>
<td>1-&lt;3 %</td>
</tr>
<tr>
<td>629-764-9</td>
<td>201-2119489427-24</td>
<td></td>
</tr>
<tr>
<td>93820-52-1</td>
<td>b-Alanine, N-(2-aminoethyl)-N-(2-hydroxyethyl)-, N-cocoacyl derivs., monosodium salts</td>
<td>1-&lt;3 %</td>
</tr>
<tr>
<td>298-632-7</td>
<td>201-2119489411-37</td>
<td></td>
</tr>
<tr>
<td>55965-84-9</td>
<td>Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and</td>
<td>&lt;0,0015 %</td>
</tr>
<tr>
<td>2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</td>
<td>613-167-00-5</td>
<td></td>
</tr>
<tr>
<td>613-167-00-5</td>
<td>Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H314 H317 H400 H410</td>
<td></td>
</tr>
</tbody>
</table>

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

Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % anionic surfactants, preservation agents (Methylchloroisothiazolinone/methylisothiazolinone).

Further Information

Ionic mixture

Regulation (EC) No. 648/2004 (Detergents regulation)

5 % - 15 % anionic surfactants

perfumes (limonene)

Methylchloroisothiazolinone, Methylisothiazolinone

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

In all cases of doubt, or when symptoms persist, seek medical advice.
If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids
According to Regulation (EC) No 1907/2006

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Product code: 60058_CLP  
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apart. Subsequently consult an ophthalmologist. Protect uninjured eye. To be accompanied by MSDS.

**After ingestion**
- Do NOT induce vomiting.
- Rinse mouth immediately and drink plenty of water.
- 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.

**4.3. Indication of any immediate medical attention and special treatment needed**
- Treat symptomatically. No special measures are necessary.

---

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**
- Suitable extinguishing media
  - Co-ordinate fire-fighting measures to the fire surroundings.
- Unsuitable extinguishing media
  - High power water jet.

**5.2. Special hazards arising from the substance or mixture**
- No known hazardous reactions.

**5.3. Advice for firefighters**
- In case of fire and/or explosion do not breathe fumes.
- In case of fire: Wear self-contained breathing apparatus.
- If necessary Full protective suit.

**Additional information**
- 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**
- Use personal protection equipment.
- Keep unprotected persons away.
- Special danger of slipping by leaking/spilling product.
- Avoid contact with eyes and skin.

**6.2. Environmental precautions**
- Do not allow to enter into surface water or drains.
- Leakage into waters, ground or the drainage system, the appropriate authorities must be informed.
- Dilute with plenty of water.

**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.

**6.4. Reference to other sections**
- Safe handling: see section 7
- Personal protection equipment: see section 8

See section 10.
- Disposal: see section 13

---

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**
Advice on safe handling
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.
Avoid contact with eyes and skin.
When using do not eat, drink or smoke.
Observe instructions for use.
Notice the directions for use on the label.
Working methods should be applied according to operating instructions.
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.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed.
Store in a place accessible by authorized persons only.
Store product closed and only in original packing.
Not to be stored in gangways or stair wells.
Protect against direct sunlight. Keep away from heat.

Advice on storage compatibility
Omitted

Further information on storage conditions
storage temperature: >0°C
Protect against direct sunlight.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values
Applies only if maximum permissible exposure values are listed here.

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
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.
Avoid contact with eyes and skin.
Eye/face protection
Suitable eye protection: Tightly sealed safety glasses.

Hand protection
Chemical-resistant protective gloves (EN 374)
If necessary
Protective gloves of neoprene (EN 374)
Protective gloves of nitrile (EN 374)
Protective gloves of PVC (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.

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>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>blue</td>
</tr>
<tr>
<td>Odour</td>
<td>Fragranced</td>
</tr>
<tr>
<td>pH-Value (at 20 °C)</td>
<td>6</td>
</tr>
</tbody>
</table>

Changes in the physical state
Melting point: not determined
Initial boiling point and boiling range: ~100 °C
Flash point: not applicable

Flammability
Solid: No.
Gas: No.

Explosive properties
The product is not: Explosive.
Lower explosion limits: not applicable
Upper explosion limits: not applicable
Ignition temperature: not determined

Auto-ignition temperature
Solid: not determined
Gas: not determined
Decomposition temperature: not determined

Oxidizing properties
not determined
Vapour pressure: not determined
Vapour pressure: not determined
Density (at 20 °C): 1.05 g/cm³
According to Regulation (EC) No 1907/2006

**PRIMA WOOL**

<table>
<thead>
<tr>
<th>Bulk density:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water solubility:</td>
<td>completely miscible</td>
</tr>
</tbody>
</table>

**Solubility in other solvents**
- not determined

| Partition coefficient: | not determined |
| Viscosity / dynamic: | 10 mPa·s |
| (at 20 °C) |
| 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**
- See also Subsection 10.2 to 10.6.
- The product has not been tested.

**10.2. Chemical stability**
- See also Subsection 10.1 to 10.6.
- Stable with proper storage and handling.

**10.3. Possibility of hazardous reactions**
- No hazardous reactions occur under normal storage and handling conditions.

**10.4. Conditions to avoid**
- See also section 7.

**10.5. Incompatible materials**
- See also section 7.
- No dangerous reactions known.

**10.6. Hazardous decomposition products**
- See also Subsection 10.4 to 10.6.
- 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
Causes serious eye irritation.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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.
## 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

## 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**

Dispose of waste according to applicable legislation.

For example: designated incinerator

E.g. dispose at suitable refuse site.

Do not put in household waste.

**Waste disposal number of waste from residues/unused products**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00129</td>
<td>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</td>
</tr>
</tbody>
</table>

**Waste disposal number of contaminated packaging**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>05102</td>
<td>WASTE PACKAGING; ABSORBENTS, WIPIING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging</td>
</tr>
</tbody>
</table>

**Contaminated packaging**

Dispose of waste according to applicable legislation.
Completely empty containers
Non-contaminated packages must be recycled or disposed of.
Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**
- **14.1. UN number:** Not a hazardous material with respect to these transportation regulations.
- **14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.
- **14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.
- **14.4. Packing group:** Not a hazardous material with respect to these transportation regulations.

**Inland waterways transport (ADN)**
- **14.1. UN number:** Not a hazardous material with respect to these transportation regulations.
- **14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.
- **14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.
- **14.4. Packing group:** Not a hazardous material with respect to these transportation regulations.

**Marine transport (IMDG)**
- **14.1. UN number:** Not a hazardous material with respect to these transportation regulations.
- **14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.
- **14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.
- **14.4. Packing group:** Not a hazardous material with respect to these transportation regulations.

**Air transport (ICAO-TI/IATA-DGR)**
- **14.1. UN number:** Not a hazardous material with respect to these transportation regulations.
- **14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.
- **14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.
- **14.4. Packing group:** Not a hazardous material with respect to these transportation regulations.

**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): 0%
- 2004/42/EC (VOC): 0%

**Additional information**

**National regulatory information**
- Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
- 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, 11, 12, 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)
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
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
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.)