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

1.1. Product identifier
PRIMA 40

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Professional use of laundry products

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
Emergency CONTACT (24-Hour-Number) international:
number: 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 categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.

2.2. Label elements
Regulation (EC) No. 1272/2008
Signal word: Warning
Pictograms:

Hazard statements
H319 Causes serious eye irritation.

Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face 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
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>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>fatty alcohol ethoxylate</td>
<td></td>
<td></td>
<td></td>
<td>10-&lt;25 %</td>
</tr>
<tr>
<td>85711-69-9</td>
<td>sodium alkane sulfonate</td>
<td>288-330-3</td>
<td></td>
<td></td>
<td>1-10 %</td>
</tr>
</tbody>
</table>

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

- Acute Tox. 4, Eye Dam. 1; H302 H318
- Skin Irrit. 2, Eye Dam. 1; H315 H318

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

Further Information
- Regulation (EC) No. 648/2004 (Detergents regulation)
- 5 % - < 15 % Soap., nonionic surfactants, anionic surfactants
- < 5 % phosphonates
- enzymes, perfumes (limonene)
- Preservative: Benzisothiazolinone, Methylisothiazolinone

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
- 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, 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
- Rinse immediately carefully and thoroughly with eye-bath or water.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a physician immediately. To be accompanied by MSDS.

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

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
- No special measures are necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
- Carbon dioxide (CO2). / Extinguishing powder. / Water spray. / Foam.

Unsuitable extinguishing media
- High power water jet.
5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products
- Oxides of carbon
- Phosphorus oxides.
- Sulfur oxides.
- Gas/vapours, toxic.

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

- 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).
- Do not allow to enter into surface water or drains.
- Leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

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.
- Flush residue with plenty of water.

6.4. Reference to other sections

- 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
  
  In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.

- 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
  
  - Store in a place accessible by authorized persons only.
  - Not to be stored in gangways or stair wells.
  - Store product closed and only in original packing.
storage temperature: at room temperature
Protect against: frost.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls
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.

Eye/face protection
Tightly sealed safety glasses. (EN 166)
If necessary Wear face protection.

Hand protection
Chemical-resistant protective gloves (EN 374)
If necessary
Protective gloves made of butyl (EN 374)
Protective gloves of neoprene (EN 374)
Protective gloves of nitrile (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
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required.

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>violet</td>
</tr>
<tr>
<td>Odour:</td>
<td>Fragranced</td>
</tr>
<tr>
<td>pH-Value (at 20 °C):</td>
<td>8-9</td>
</tr>
<tr>
<td>Changes in the physical state</td>
<td>not determined</td>
</tr>
</tbody>
</table>

Test method
Flammability
Solid: not applicable
Gas: not applicable

Explosive properties
The product is not: Explosive.
In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: not determined

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

Oxidizing properties
not determined

Vapour pressure: not determined
Vapour pressure: not determined
Density (at 20 °C): 1.06 g/cm³
Bulk density: not applicable
Water solubility: miscible

Solubility in other solvents
not determined

Partition coefficient: not determined
Viscosity / dynamic: 220 mPa·s
(at 20 °C)
Viscosity / kinematic: not determined
Vapour density: not determined
Solvent content: not determined

9.2. Other information
Mixability: not determined
Fat solubility (g/l): not determined
Conductivity: not determined
Surface tension: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity
The product has not been tested.

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
No information available.

10.5. Incompatible materials
No information available.
Avoid contact with other chemicals.

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.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>fatty alcohol ethoxylate</td>
<td>oral</td>
<td>LD50</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>mg/kg</td>
<td></td>
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<td></td>
<td>mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Causes serious eye irritation.
Skin corrosion/irritation: 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.
### 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

According to the recipe, does not contain AOX

### 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.

Waste disposal number of waste from residues/unused products

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200129</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>

Contaminated packaging

Dispose of waste according to applicable legislation.
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

#### 14.1. UN number

Not a hazardous material with respect to these transportation regulations.
Not a hazardous material with respect to these transportation regulations.
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.)