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

#### 1.1. Product identifier

**PRIMA VOLLWASCHMITTEL**

#### 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

<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>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

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 categories:**
  - Skin corrosion/irritation: Skin Irrit. 2
  - Serious eye damage/eye irritation: Eye Irrit. 2
- **Hazard Statements:**
  - Causes skin irritation.
  - Causes serious eye irritation.

#### 2.2. Label elements

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

- **Signal word:** Warning
- **Pictograms:**
  - ![Pictogram](image)

- **Hazard statements**
  - H319 Causes serious eye irritation.
  - H315 Causes skin 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.
  - P302+P352 IF ON SKIN: Wash with plenty of water.
  - P332+P313 If skin irritation occurs: Get medical advice/attention.
2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.
High pH value can damage water.

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>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>497-19-8</td>
<td>sodium carbonate</td>
<td>25-&lt;30 %</td>
<td>207-838-8</td>
<td>011-005-00-2</td>
<td></td>
<td>Eye Irrit. 2; H319</td>
</tr>
<tr>
<td>1344-09-8</td>
<td>Silicic acid, sodium salt</td>
<td>15-&lt;25 %</td>
<td>215-687-4</td>
<td>01-2119448725-31</td>
<td></td>
<td>Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335</td>
</tr>
<tr>
<td>15630-89-4</td>
<td>Sodium Carbonate Peroxide</td>
<td>10-&lt;15 %</td>
<td>239-707-6</td>
<td>01-2119457268-30</td>
<td></td>
<td>Ox. Sol. 2, Acute Tox. 4, Eye Dam. 1; H272 H302 H318</td>
</tr>
<tr>
<td>69011-36-5</td>
<td>Isotridecanol, ethoxyliert</td>
<td>1-5 %</td>
<td>931-138-8</td>
<td></td>
<td></td>
<td>Eye Dam. 1, Aquatic Chronic 3; H318 H412</td>
</tr>
<tr>
<td>69011-36-5</td>
<td>isotridecanol, ethoxylated</td>
<td>1-5 %</td>
<td>931-138-8</td>
<td></td>
<td></td>
<td>Acute Tox. 4, Eye Dam. 1; H302 H318</td>
</tr>
</tbody>
</table>

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

Further Information

Regulation (EC) No. 648/2004 (Detergents regulation)
15 % - < 30 % phosphates
5 % - < 15 % oxygen-based bleaching agents
< 5 % soap, nonionic surfactants
perfumes, enzymes, optical brighteners

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.
If unconscious place in recovery position and 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.
Protect uninjured eye. Consult an ophthalmologist.
After ingestion
Do NOT induce vomiting.
Rinse mouth immediately and drink plenty of water.
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
Co-ordinate fire-fighting measures to the fire surroundings.
Water spray. / alcohol resistant foam. / Carbon dioxide (CO2). / Dry extinguishing powder.

Unsuitable extinguishing media
No information available.

5.2. Special hazards arising from the substance or mixture
Hazardous combustion products
Oxides of carbon
Pyrolysis products, toxic.
Oxygen separation can cause oxidising.

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 dust formation.
Avoid contact with eyes and skin.
Avoid contact with water.
If necessary Caution, slippery

6.2. Environmental precautions
Do not pour down the drain undiluted.
Leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up
Take up mechanically, placing in appropriate containers for disposal.
Treat the recovered material as prescribed in the section on waste disposal.
Spilled product must never be returned to the original container for recycling.
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

Avoid dust formation.
Provide adequate ventilation.
Avoid contact with eyes and skin.
When using do not eat, drink or smoke.
Carefully avoid polluting product with other materials.
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 product closed and only in original packing.
Not to be stored in gangways or stair wells.
Keep away from combustible material.
Protect from moisture.
Protect from sunlight.
Protect against: Generates heat
Store in a place accessible by authorized persons only.

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. (EN 166)

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.
If general dust emission limit has been exceeded:
Dust mask with fine dust filter recommended (EN 143), white
If necessary P 2 filter (EN 143), white
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>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>solid, Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>white</td>
</tr>
<tr>
<td>Odour</td>
<td>Fragranced</td>
</tr>
<tr>
<td>pH-Value (at 20 °C)</td>
<td>11 (10 g/l)</td>
</tr>
</tbody>
</table>

**Changes in the physical state**
- Melting point: not determined
- Initial boiling point and boiling range: not determined
- Flash point: not applicable

**Flammability**
- Solid: not determined
- Gas: not determined

**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

**Oxidizing properties**
- not determined

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapour pressure</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>not determined</td>
</tr>
<tr>
<td>Density</td>
<td>not determined</td>
</tr>
<tr>
<td>Bulk density (at 20 °C)</td>
<td>~650 kg/m³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>easily soluble</td>
</tr>
</tbody>
</table>

**Solubility in other solvents**
- not determined
Partition coefficient: not determined
Viscosity / dynamic: not determined
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
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
See also Subsection 10.1 to 10.6.
No decomposition when used as directed.

10.4. Conditions to avoid
See also section 7.
Protect from moisture.
Keep away from heat.
Protect from sunlight.

10.5. Incompatible materials
See also section 7.
acid.
Metal salt
Metals
Bases
Reducing agents.
Material, combustible.

10.6. Hazardous decomposition products
See also Subsection 10.1 to 10.5.
Also refer to section 5.3.
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>497-19-8</td>
<td>sodium carbonate</td>
<td>oral</td>
<td>LD50</td>
<td>4090</td>
<td>Rat</td>
<td>IUCLID</td>
</tr>
<tr>
<td>1344-09-8</td>
<td>Silicic acid, sodium salt</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>- mg/kg</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>LC50</td>
<td>- mg/l</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>15630-89-4</td>
<td>Sodium Carbonate Peroxide</td>
<td>oral</td>
<td>LD50</td>
<td>1034</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>69011-36-5</td>
<td>Isotridecanol, ethoxyliert</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>69011-36-5</td>
<td>isotridecanol, ethoxylated</td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>Rabbit</td>
<td></td>
</tr>
</tbody>
</table>

**Irritation and corrosivity**
- Causes serious eye irritation.
- Causes skin irritation.

**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.

Inorganic product which is not eliminable from water through biological cleaning processes.

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

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.

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: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards
- No environmentally hazardous:

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

Additional information
- For classification and labelling, see section 2.

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
SECTION 16: Other information

Changes
Revised sections: 1, 7, 16

Abbreviations and acronyms
vPvB = very persistent very bioaccumulative
PBT = persistent bioaccumulative toxic

Relevant H and EUH statements (number and full text)
- H272 May intensify fire; oxidiser.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- 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.)