**SAFETY DATA SHEET**

**SODIUM DOEDECYL BENZENE SULPHONATE 80%**

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

<table>
<thead>
<tr>
<th>1.1. Product identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name:</strong> SODIUM DOEDECYL BENZENE SULPHONATE 80%</td>
</tr>
<tr>
<td><strong>CAS number:</strong> 25155-30-0</td>
</tr>
<tr>
<td><strong>EINECS number:</strong> 246-680-4</td>
</tr>
<tr>
<td><strong>Product code:</strong> 8409-012.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.2. Relevant identified uses of the substance or mixture and uses advised against</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use of substance / mixture:</strong> Cleaning agent</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.3. Details of the supplier of the safety data sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company name:</strong> Resource Chemical Ltd</td>
</tr>
<tr>
<td>Resource House</td>
</tr>
<tr>
<td>76 High Street</td>
</tr>
<tr>
<td>Brackley</td>
</tr>
<tr>
<td>Northants</td>
</tr>
<tr>
<td>NN13 7DS</td>
</tr>
<tr>
<td><strong>Tel:</strong> +44(0)1280 843800</td>
</tr>
<tr>
<td><strong>Fax:</strong> +44(0)1280 701745</td>
</tr>
<tr>
<td><strong>Email:</strong> <a href="mailto:sales@resourcechemical.ltd.uk">sales@resourcechemical.ltd.uk</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.4. Emergency telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emergency tel:</strong> +44(0)1270 502891</td>
</tr>
</tbody>
</table>

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**Section 2: Hazards identification**

<table>
<thead>
<tr>
<th>2.1. Classification of the substance or mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Classification under CLP:</strong> Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335</td>
</tr>
<tr>
<td><strong>Classification under CHIP:</strong> Xn: R22; Xi: R37/38; Xi: R41</td>
</tr>
<tr>
<td><strong>Most important adverse effects:</strong> Harmful if swallowed. Causes skin irritation. May cause respiratory irritation. Causes serious eye damage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.2. Label elements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Label elements under CLP:</strong></td>
</tr>
<tr>
<td><strong>Hazard statements:</strong> * H302: Harmful if swallowed.</td>
</tr>
<tr>
<td>* H315: Causes skin irritation.</td>
</tr>
<tr>
<td>* H335: May cause respiratory irritation.</td>
</tr>
<tr>
<td>* H318: Causes serious eye damage.</td>
</tr>
<tr>
<td><strong>Signal words:</strong> Danger</td>
</tr>
</tbody>
</table>

[cont...]
SAFETY DATA SHEET
SODIUM DOEDECYL BENZENE SULPHONATE 80%

Hazard pictograms:
- GHS05: Corrosion
- GHS07: Exclamation mark

Precautionary statements:
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER or doctor.
- P330: Rinse mouth.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SODIUM DOEDECYL BENZENE SULPHONATE 80%
Contains: Sodium Dodecyl Benzene Sulphonate > 80%

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact: Wash immediately with plenty of soap and water.
- Eye contact: Bathe the eye with running water for 15 minutes.
- Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
- Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact: There may be mild irritation at the site of contact.
- Eye contact: There may be irritation and redness.
- Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

[cont...]
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SODIUM DODECYL BENZENE SULPHONATE 80%

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

[cont...]
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Respiratory protection: Respiratory protective device with particle filter. Particle filter class P2S (EN143).
Hand protection: PVC gloves.
Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection: Protective clothing with elasticated cuffs and closed neck.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State</th>
<th>Colour</th>
<th>Odour</th>
<th>Oxidising</th>
<th>Solubility in water</th>
<th>Flash point°C</th>
<th>pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granules</td>
<td>Cream</td>
<td>Odourless</td>
<td>Non-oxidising (by EC criteria)</td>
<td>Soluble</td>
<td>* 148.89</td>
<td>* 6.5-9.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Route</th>
<th>Species</th>
<th>Test</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL</td>
<td>RAT</td>
<td>LD50</td>
<td>438</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

[cont...]
Relevant hazards for substance:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (ac. tox. 4)</td>
<td>ING</td>
<td>Based on test data</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>DRM</td>
<td>Based on test data</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>OPT</td>
<td>Based on test data</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>INH</td>
<td>Based on test data</td>
</tr>
</tbody>
</table>

**Symptoms / routes of exposure**

- **Skin contact:** There may be mild irritation at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
- **Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Section 12: Ecological information**

**12.1. Toxicity**

Ecotoxicity values: No data available.

**12.2. Persistence and degradability**

Persistence and degradability: Biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential: No bioaccumulation potential.

**12.4. Mobility in soil**

Mobility: Soluble in water.

**12.5. Results of PBT and vPvB assessment**

PBT identification: This product is not identified as a PBT substance.

**12.6. Other adverse effects**

Other adverse effects: Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

Disposal operations: Mix or dissolve with a combustible material and burn in a chemical incinerator equipped with afterburners and scrubbers.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

15.2. **Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Phrases used in s.2 and 3:**
- **H302:** Harmful if swallowed.
- **H315:** Causes skin irritation.
- **H318:** Causes serious eye damage.
- **H335:** May cause respiratory irritation.
- **R22:** Harmful if swallowed.
- **R37/38:** Irritating to respiratory system and skin.
- **R41:** Risk of serious damage to eyes.

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