1. Product and Company Identification

Product Name: WOOLITE - Extra Dark Care
UPC CODES: Refer to Section 16
CAS #: Mixture
Product use: Laundry detergent
Distributed by: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-228-4722
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

2. Hazards Identification

Emergency overview
WARNING
EYE IRRITANT. MAY BE HARMFUL IF SWALLOWED.
DO NOT get in eyes.
May be severely irritating to eyes.
DO NOT ingest.
Avoid contact with skin.
Contains surfactants.
KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects
Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.
Eyes
Irritating to eyes.
Skin
Non-irritating to the skin. Not expected to be a skin sensitizer.
Inhalation
May cause respiratory tract irritation.
Ingestion
May be harmful if swallowed.
Target organs
Eyes. Respiratory system. Skin.
Chronic effects
Prolonged or repeated exposure can cause drying, defatting and dermatitis. The finished product is not expected to have chronic health effects.
Signs and symptoms
Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivatives</td>
<td>68584-22-5</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>68551-12-2</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>C10-16 alkyl ethers, sodium salts</td>
<td>68585-34-2</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Fatty acids, C8-18 and C18-unsaturated</td>
<td>67701-05-7</td>
<td>1 - 2.5</td>
</tr>
</tbody>
</table>
4. First Aid Measures

First aid procedures

Eye contact
If in eyes, IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove contact lenses and continue to rinse eyes for at least 15 minutes. If irritation persists, get medical attention.

Skin contact
If on skin, rinse well with water.

Inhalation
Remove to fresh air. If symptoms persist, get medical attention.

Ingestion
If swallowed, rinse mouth and drink a glass of water. Do not induce vomiting. Call a physician or Poison Control Centre.

Notes to physician
Symptoms may be delayed.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
Not available

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Avoid contact with eyes.
Keep unnecessary personnel away.
Do not touch or walk through spilled material.
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Keep people away from and upwind of spill/leak.

Methods for containment
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling
Avoid contact with eyes.
Do not ingest.
Use good industrial hygiene practices in handling this material.
When using do not eat or drink.

Storage
Keep out of reach of children.
Store in a closed container away from incompatible materials.
Store in a cool dry place inaccessible to children and pets.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alcohols, C12-16, ethoxylated</strong></td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Benzenesulfonic acid, C10-16-alkyl derivatives</strong></td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
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<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>C10-16 alkyl ethers, sodium salts</strong></td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
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<td><strong>Fatty acids, C8-18 and C18-unsaturated</strong></td>
<td>ACGIH-TLV</td>
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<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

Engineering controls

- General ventilation normally adequate.

Personal protective equipment

- **Eye / face protection**
  - When handling in large quantities or responding to emergency situations, the use of appropriate eye protection is recommended.
  - Emergency responders should wear full eye and face protection.

- **Hand protection**
  - For sensitive skin or prolonged use, wear rubber gloves.
  - Emergency responders should wear impermeable gloves.

- **Skin and body protection**
  - As required by employer code.
  - Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

- **Respiratory protection**
  - Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
  - Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

General hygiene considerations

- Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
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<tr>
<td>Color</td>
<td>Variable</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Perfume</td>
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<tr>
<td>Odor threshold</td>
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</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
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<tr>
<td>pH</td>
<td>7.5 - 8.5</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 199.94 °F (&gt; 93.3 °C)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Flammability limits in air, upper, % by volume
Not available

Vapor pressure
Not available

Vapor density
Not available

Specific gravity
1.020 - 1.040

Octanol/water coefficient
Not available

Solubility (H2O)
High

Auto-ignition temperature
Not available

10. Stability and Reactivity

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Do not mix with other chemicals.

Incompatible materials
Acids.

Hazardous decomposition products
May include and are not limited to: Oxides of carbon.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>Not available</td>
</tr>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivatives</td>
<td>Not available</td>
</tr>
<tr>
<td>C10-16 alkyl ethers, sodium salts</td>
<td>Not available</td>
</tr>
<tr>
<td>Fatty acids, C8-18 and C18-unsaturated</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>1380 mg/kg rat</td>
</tr>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivatives</td>
<td>530 mg/kg rat</td>
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<tr>
<td>C10-16 alkyl ethers, sodium salts</td>
<td>1700 mg/kg rat</td>
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<tr>
<td>Fatty acids, C8-18 and C18-unsaturated</td>
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</tbody>
</table>

Effects of acute exposure

Eye
Irritating to eyes.

Skin
Non-irritating to the skin. Not expected to be a skin sensitizer.

Inhalation
May cause respiratory tract irritation.

Ingestion
May be harmful if swallowed.

Sensitization
The finished product is not expected to have chronic health effects.

Chronic effects
The finished product is not expected to have chronic health effects.

Carcinogenicity
The finished product is not expected to have chronic health effects.

Mutagenicity
The finished product is not expected to have chronic health effects.

Reproductive effects
The finished product is not expected to have chronic health effects.

Teratogenicity
The finished product is not expected to have chronic health effects.

Synergistic Materials
Not available

12. Ecological Information

Ecotoxicity
Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Fish Species Data
Benzenesulfonic acid, C10-16-alkyl derivatives 68584-22-5 96 Hr LC50 Oncorhynchus mykiss: 3 mg/L [static]

Ecotoxicity - Water Flea Data
Benzenesulfonic acid, C10-16-alkyl derivatives 68584-22-5 48 Hr EC50 Daphnia magna: 2.9 mg/L
Environmental effects
Aquatic toxicity
Persistence / degradability
Bioaccumulation / accumulation
Partition coefficient
Mobility in environmental media
Chemical fate information

13. Disposal Considerations

Waste codes
Waste from residues / unused products
Contaminated packaging

Disposal instructions
Dispose in accordance with all applicable regulations.

14. Transport Information

UN/ID N.o.

U.S. Department of Transportation (DOT): Classification:
Proper shipping name
U.S. DOT Hazard Class
Subsidiary Risk
Packing group
DOT RQ (lbs)
ERG NO

Transportation of Dangerous Goods (TDG - Canada): Classification:
Proper shipping name
Status
Packing group
15. Regulatory Information

<table>
<thead>
<tr>
<th>US Federal regulations</th>
<th>This product is a &quot;Hazardous Chemical&quot; as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Registration</td>
<td>Not registered</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Safety and Health Administration (OSHA)</td>
<td></td>
</tr>
<tr>
<td>29 CFR 1910.1200 hazardous chemical</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Superfund Amendments and Reauthorization Act of 1986 (SARA)</td>
<td></td>
</tr>
<tr>
<td>Hazard categories</td>
<td>Immediate Hazard - Yes</td>
</tr>
<tr>
<td></td>
<td>Delayed Hazard - No</td>
</tr>
<tr>
<td></td>
<td>Fire Hazard - No</td>
</tr>
<tr>
<td></td>
<td>Pressure Hazard - No</td>
</tr>
<tr>
<td></td>
<td>Reactivity Hazard - No</td>
</tr>
<tr>
<td>Section 302 extremely hazardous substance</td>
<td>No</td>
</tr>
<tr>
<td>Section 311 hazardous chemical</td>
<td>Yes</td>
</tr>
<tr>
<td>Clean Air Act (CAA)</td>
<td>Not available</td>
</tr>
<tr>
<td>Clean Water Act (CWA)</td>
<td>Not available</td>
</tr>
<tr>
<td>State regulations</td>
<td>This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.</td>
</tr>
</tbody>
</table>

**Inventory status**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
16. Other Information

Disclaimer
This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information
62338-76974 - 50 oz. - Extra Dark Care - 0257759
62338-82974 - 60 oz. - Extra Dark Care - 0257759
62338-82766 - 75 oz. - Extra Dark Care - 0257759
62338-81932 - 133 oz. - Extra Dark Care - 0257759
62338-82756 - 50 oz. - Extra Dark Care High Efficiency - 0257759
62338-82757 - 75 oz. - Extra Dark Care High Efficiency - 0257759

Issue date
06-Apr-2010

Effective date
01-Apr-2010

Prepared by
Reckitt Benckiser Regulatory Department  800-333-3899

Other information
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.