

## 1. Product and Company Identification

**Product Name** WOOLITE® Extra Delicates Care  
**CAS #** Mixture

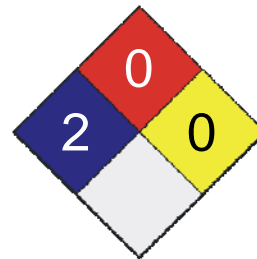
**This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).  
 This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.**

**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: 1-800-338-6167  
 Transportation Emergencies: 24 Hour Number:  
 North America: CHEMTREC: 1-800-424-9300  
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	B



## 2. Hazards Identification

**Emergency overview** CAUTION  
 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.

KEEP OUT OF REACH OF CHILDREN.

**Potential short term health effects**

**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

Irritating to eyes.

**Skin**

None expected during normal conditions of use. Not expected to be a skin sensitizer.

**Inhalation**

None expected during normal conditions of use.

**Ingestion**

May be harmful if swallowed.

**Target organs**

Eyes. Respiratory system. Skin.

**Chronic effects**

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.

**OSHA Regulatory Status**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Potential environmental effects**

See section 12.

### 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	2.5 - 10
Alcohols, C12-16, ethoxylated	68551-12-2	1 - 2.5
C10-16 alkyl ethers, sodium salts	68585-34-2	1 - 2.5
Fatty acids, C8-18 and C18-unsaturated	67701-05-7	1 - 2.5

### 4. First Aid Measures

#### First aid procedures

<b>Eye contact</b>	If in eyes, IMMEDIATELY rinse with plenty of water. Remove contact lenses and continue to rinse eyes for at least 15 minutes. If irritation persists, get medical attention.
<b>Skin contact</b>	If on skin, rinse well with water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, rinse mouth and drink a glass of water. DO NOT induce vomiting. Call a physician or Poison Control Center.

#### Notes to physician

Treat patient symptomatically.

#### 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.

#### Environmental precautions

Do not discharge into lakes, streams, ponds or public waters.  
Advise authorities if product has penetrated drains, sewers or water pipes.

#### 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 to original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Ensure adequate ventilation. Avoid contact with eyes and skin. Do not ingest. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
<b>Storage</b>	Store in a closed container away from incompatible materials. Store in a cool dry place inaccessible to children and pets. Keep at temperatures below 40°C. Avoid storage under direct sunlight. Keep out of reach of children.

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## 8. Exposure Controls / Personal Protection

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### Exposure limits

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

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

**Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.**

<b>Eye / face protection</b>	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.
<b>Hand protection</b>	For sensitive skin or prolonged use, wear rubber gloves. Emergency responders should wear impermeable gloves.
<b>Skin and body protection</b>	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.
<b>Respiratory protection</b>	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.
<b>General hygiene considerations</b>	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. Avoid contact with eyes.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Liquid
<b>Color</b>	Variable
<b>Form</b>	Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>pH</b>	8.0 ± 0.5 (as is)
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Pour point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	> 199.40 °F (> 93 °C)
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	1.020 - 1.040
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	Complete
<b>Viscosity</b>	180 - 630

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals. Exposure to sunlight. Keep at temperatures below 40°C.
<b>Incompatible materials</b>	Acids.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological Information

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### Component analysis - LC<sub>50</sub>

<b>Ingredient(s)</b>	<b>LC<sub>50</sub></b>
Alcohols, C12-16, ethoxylated	Not available
Benzenesulfonic acid, C10-16-alkyl derivatives	Not available
C10-16 alkyl ethers, sodium salts	Not available
Fatty acids, C8-18 and C18-unsaturated	Not available

### Component analysis - Oral LD<sub>50</sub>

<b>Ingredient(s)</b>	<b>LD<sub>50</sub></b>
Alcohols, C12-16, ethoxylated	1380 mg/kg rat
Benzenesulfonic acid, C10-16-alkyl derivatives	530 mg/kg rat
C10-16 alkyl ethers, sodium salts	1700 mg/kg rat
Fatty acids, C8-18 and C18-unsaturated	Not available

### Effects of acute exposure

<b>Eye</b>	Irritating to eyes.
<b>Skin</b>	None expected during normal conditions of use. Not expected to be a skin sensitizer.

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<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Sensitization</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Name of Toxicologically Synergistic Products</b>	Not available

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## 12. Ecological Information

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<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns.
<b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b>	
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5      96 Hr LC50 Oncorhynchus mykiss: 3 mg/L [static]
<b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>	
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5      48 Hr EC50 Daphnia magna: 2.9 mg/L
<b>Persistence / degradability</b>	Not available
<b>Bioaccumulation / accumulation</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Chemical fate information</b>	Not available

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## 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. Empty container can be discarded in the trash or recycled where appropriate.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. Transport Information

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<b>UN/ID N.o.</b>	Not applicable
<b>U.S. Department of Transportation (DOT): Classification:</b> Not regulated	
<b>Proper shipping name</b>	Not applicable
<b>U.S. DOT Hazard Class</b>	Not applicable
<b>Subsidiary Risk</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>DOT RQ (lbs)</b>	Not applicable
<b>ERG NO</b>	Not applicable

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

**Proper shipping name** Not applicable  
**Status** Not applicable  
**Packing group** Not applicable

**IMDG (Marine Transport): Classification:** Not regulated

**Proper shipping name** Not applicable  
**Class** Not applicable  
**Subsidiary Risk** Not applicable  
**Packing group** Not applicable  
**IMDG Page** Not applicable  
**Marine pollutant** Not applicable  
**EMS** Not applicable  
**MFAG** Not applicable  
**Maximum Quantity** Not applicable

**IATA/ICAO (Air): Classification:** Not regulated

**Proper shipping name** Not applicable  
**Class** Not applicable  
**Subsidiary Risk:** Not applicable  
**Packing group** Not applicable  
**Maximum Quantity** Not applicable

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## 15. Regulatory Information

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**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

**CERCLA (Superfund) reportable quantity**

Sodium hydroxide: 1000.0000  
Sulphuric acid: 1000.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**Clean Water Act (CWA)** Hazardous substance

**State regulations** This product is not subject to warning labeling under the California Proposition 65 regulation.

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

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## 16. Other Information

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**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**

WOOLITE® Extra Delicates Care, 16 oz - 0257757v3.0

**Issue date**

01-Apr-2013

**Effective date**

01-Apr-2013

**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.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.