



## Product Safety Data Sheet

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<b>Description:</b>	WOOLITE ORIGINAL CONCENTRATED	<b>Status:</b>	Published
<b>Project Name:</b>	YODA Club	<b>Project Number:</b>	
<b>Category:</b>	Laundry Detergents	<b>Segment:</b>	LD - Machine Wash - Liquid
<b>Formula Type:</b>	FILL FORMULA		

### PSDS

#### 1. PRODUCT AND COMPANY IDENTIFICATION

<u>Product Name</u>	Woolite Original Ultra Pro-Care
<u>Product Identifier</u>	Concentrated fabric wash for front and top loading washing machines
<u>TDS formula code</u>	0107648 (R&D code 1123-159)
<u>Validation Date</u>	November 6th, 2007
<u>Distributor</u>	Reckitt Benckiser North America Inc. Morris Centre IV, 399 Interface Parkway (P.O. 225) Parsippany, N.J. 07054-0225
<u>Emergency Contact</u>	1-800-228-4722
<u>Transport Emergency</u>	1-800 424 9300 (North America) ; 703-527-3887 (outside North America)

#### 2. COMPOSITION

Ingredients	CAS N.	Concentration Range	Exposure Limit
Sodium Hydroxyde	1310-73-2	1% - 5%	2mg/m3 Ceiling (ACGIH Threshold Limit, OSHA PEL)
Alkyl (C10-16) Benzene Sulphonic Acid	68584-22-5	15% - 20%	None
Sodium Laureth Sulphate	9004-82-4	10% - 15%	None
Cocamide DEA	68603-42-9	0.1% - 1%	None

#### 3. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW :

CAUTION. EYE IRRITANT. MAY BE HARMFUL IF SWALLOWED

KEEP OUT OF REACH OF CHILDREN.

DO NOT get in eyes. May be severely irritating to eyes. DO NOT ingest. Avoid contact with skin

## 4. FIRST- AID MEASURES

<u>First Aid - Eye Contact</u>	In case of eye contact, hold eyes open and IMMEDIATELY, rinse thoroughly with plenty of water Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation persists get medical attention
<u>First Aid - Skin Contact</u>	In keeping good hygienic practices, wash exposed areas thoroughly with soap and water
<u>First Aid - Ingestion</u>	If swallowed, rinse mouth and drink a glass of water. DO NOT induce vomiting. Call a physician or poison control centre
<u>First Aid - Inhalation</u>	The product is not volatile. In case of accident, move the person to fresh air

## 5. FIRE- FIGHTING MEASURES

<u>Flammability</u>	Not flammable
<u>Fire/Explosion Hazard</u>	None known
<u>Fire fighting media/Instructions</u>	Not a fire hazard. Use extinguishing media for surrounding materials
<u>Special equipment for Fire Fighters</u>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protecting gear
<u>Flash Point (°C)</u>	> 93.3°C
<u>Autoignition Temperature</u>	No information available

## 6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions</u>	Avoid contact with skin and eyes. People working on cleaning-up accidental spillages should be using appropriate gloves and eye/body protection
<u>Spillages</u>	<u>Small spillages:</u> Soak-up spill with adsorbent material and dispose off as appropriate. Rinse surface residue and wipe dry to avoid slippery conditions <u>Larger spillages:</u> Large spill should be collected and disposed according to local regulations

## 7. HANDLING AND STORAGE

<u>Handling</u>	Careful handling of chemicals is required. CAUTION: EYE IRRITANT. MAY BE HARMFUL IF SWALLOWED. Avoid contact with eyes and any prolonged contact with skin. Do not ingest
<u>Storage Conditions</u>	Store the closed packages cool and under dry conditions. Do not freeze. Store in original container in a secure area, inaccessible to children and pets KEEP OUT OF THE REACH OF CHILDREN

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<u>Engineering Control</u>	Ensure adequate ventilation, especially in confined areas
<u>Eye protection</u>	Wear safety goggles if the exposure is likely to be prolonged
<u>Skin protection</u>	Wear safety gloves if the exposure is likely to be prolonged

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<u>Respiratory protection</u>	In case of airborne dusting wear dust mask (P2 recommended).
<u>Body protection</u>	Wear suitable protective clothes if the use is likely to be prolonged
<u>Hand protection</u>	Protective gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Viscous liquid
<u>Colour</u>	pale yellow
<u>Odour</u>	Characteristic
<u>pH (as is)</u>	7.5 - 8.5
<u>Solubility in water (kg/m3)</u>	high solubility
<u>Viscosity (cPs, 25°C)</u>	450 - 500 (Brookfield, s31)
<u>Bulk density (g/mL)</u>	1.075 - 1.425

## 10. STABILITY AND REACTIVITY

<u>Chemical Stability</u>	The product is chemically stable under normal conditions
<u>Conditions to Avoid</u>	Heat (> 50°C), product contamination
<u>Hazardous decomposition products</u>	Carbon oxide and unknown organic compounds
<u>Materials to Avoid</u>	Acids

## 11. TOXICOLOGICAL INFORMATION

<u>Eyes contact</u>	Eye Irritant (based on raw material data)
<u>Skin contact</u>	Not irritant (based on raw material data).
<u>Ingestion</u>	May be Harmful by ingestion (Oral LD50 > 500mg/kg, based on raw material data)
<u>Sensitization</u>	Not expected to be a sensitizer (based on raw material information)
<u>Chronic Effects</u>	No information available
<u>Carcinogenic Effects</u>	Not listed as carcinogenic by OSHA, NTP, or IARC
<u>Mutagenic Effects</u>	No information available
<u>Reproductive toxicity</u>	No information available
<u>Target Organ Effects</u>	No information available

Information is based on data on the components and the toxicology of similar products

## 12. ECOLOGICAL INFORMATION

Incorporated surfactants are ultimately aerobically biodegradable according to OECD301 methods

<u>Mobility</u>	Not Applicable
<u>Bioaccumulation</u>	Not irritant
<u>Ecotoxicity</u>	Not Applicable
<u>Aquatic toxicity</u>	Not Applicable

## 13. DISPOSAL CONSIDERATIONS

<u>Product Disposal</u>	Disposal should be done in accordance with local/state or federal legislation Do not release in ground or on river
<u>Container Disposal</u>	Cleaned to recycling, landfill or incinerator

## 14. TRANSPORT INFORMATION

General Remark: Not classified as hazardous for transport.  
Dot Classification: Not a DOT regulated material (United States)  
UN Number Not applicable  
Proper Shipping Name Not applicable  
Packaging Group Not applicable  
Maritime Transportation Not applicable

**15. REGULATORY INFORMATION**

FEDERAL and STATE REGULATION SARA Title III, Section 313 Toxic Chemical Notification Release Reporting None  
 PROPOSITION 65 This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: None  
 TSCA Listing Raw materials used in this formula are registered and compliant with TSCA inventory

**16. OTHER INFORMATION**

HMIS (USA) Health Hazard: 2  
 Fire Hazard: 0  
 Reactivity: 0  
 Personal Protection: B

NFPA Aerosol Level: Not applicable

PSDS first issue 18 April, 2007  
PSDS last revision 06 November, 2007  
Reason for revision YODA Ultra project (2x concentration / F-donor removal program)

The information given in this data sheet is believed to be true and correct. This quality is not intended for warranty assurance purposes. 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 cautions. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Where Used	
Customer Product Bill of Material	Formulation Bill of Material
0140488 : WLITE,US,CLR 2X160/100Z PL CRD	
0140453 : WLITE,US,ORG 2X160/100Z PL CRD	
0112262 : WLITE,US,ORIGINAL 2X 160/100FZ	

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Revision History	Published	Revision Reason	Author
1.0	18 Apr 07	New Document	Fabrizio LavezzatoEUR/R_B

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