

# SAFETY DATA SHEET



ULTRASIL 01

## Section 1. Chemical product and company identification

**Product name** : ULTRASIL 01  
**Recommended use and restrictions** : Cleaning product  
Use only for the purpose on the product label.

**Product dilution information** : Up to 2.5 oz/10 gal or 2 mL/L in water

**Supplier's information** : Ecolab Inc. Food & Beverage Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-392-3392

**Code** : 987446-01

**Date of issue** : 24 Jan 2014

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## Section 2. Hazards identification

**Product AS SOLD**  
**GHS Classification** : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

### GHS label elements

**Signal word** : Warning

**Symbol** : 

**Hazard statements** : Causes serious eye irritation.

### Precautionary statements

**Prevention** : Wear eye or face protection. Wash hands thoroughly after handling.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : No other specific measures identified.

**Disposal** : See section 13 for waste disposal information.

**Other hazards** : None known.

### **Product AT USE DILUTION**

Not classified.

No signal word.

No known significant effects or critical hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal information.

None known.

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	>50	9016-45-9

#### Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

### Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
<b>Notes to physician</b>	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (section 11)

### Section 5. Fire-fighting measures

Product AS SOLD

<b>Suitable fire extinguishing media</b>	: Use water spray, fog or foam.
<b>Specific hazards arising from the chemical</b>	: In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Specific fire-fighting methods</b>	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Use personal protective equipment as required.	Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

## Section 6. Accidental release measures

**Methods for cleaning up** : Use a water rinse for final clean-up.

Use a water rinse for final clean-up.

## Section 7. Handling and storage

**Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Storage** : Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 0 and 40°C

**Product AT USE DILUTION**  
 Wash thoroughly after handling.  
 Keep out of reach of children.

## Section 8. Exposure controls/personal protection

### Control parameters

Ingredient name	Exposure limits
None.	

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Personal protection**

**Eye protection** : Wear eye protection.

**Hand protection** : No protective equipment is needed under normal use conditions.

**Skin protection** : No protective equipment is needed under normal use conditions.

**Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

**Product AT USE DILUTION**  
 Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

A respirator is not needed under normal and intended conditions of product use.

## Section 9. Physical and chemical properties

**Physical state** : Liquid.

**Color** : Clear

**Odor** : Faint odor

**pH** : 8 (100%)

**Flash point** : 204 °C (Closed cup)

**Explosion limits** : Not available.

**Flammability (solid, gas)** : Not available.

**Melting point** : Not available.

**Boiling point** : >100°C (>212°F)

**Evaporation rate (butyl acetate = 1)** : Not available.

**Vapor pressure** : Not available.

**Product AT USE DILUTION**  
 Liquid.  
 Colorless  
 Odorless  
 6 to 7  
 > 100°C

## Section 9. Physical and chemical properties

<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 1.055 (Water = 1)
<b>Solubility</b>	: Soluble in the following materials: hot water. Partially soluble in the following materials: cold water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Odor threshold</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): 240 mPa·s (240 cP) Kinematic (room temperature): 2.2789768 cm <sup>2</sup> /s (227.89768 cSt)

## Section 10. Stability and reactivity

### Product AS SOLD

<b>Stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Materials to avoid</b>	: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. Slightly reactive or incompatible with the following materials: organic materials, metals and moisture.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

**Route of exposure** : Skin contact, Eye contact, Inhalation, Ingestion

### Product AS SOLD

#### Symptoms

<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness
<b>Skin contact</b>	: No specific data.
<b>Inhalation</b>	: No specific data.
<b>Ingestion</b>	: No specific data.

#### Acute toxicity

<b>Eye contact</b>	: Causes serious eye irritation.
<b>Skin contact</b>	: No known significant effects or critical hazards.
<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.

#### Toxicity data

### Product AT USE DILUTION

No specific data.

No specific data.

No specific data.

No specific data.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

## Section 11. Toxicological information

**Product/ingredient name**

poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-  
 LD50 Dermal Rabbit 2830 mg/kg  
 LD50 Oral Rat 2590 mg/kg

**Chronic toxicity**

**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

**Product AS SOLD**

**Ecotoxicity** : This material is toxic to aquatic life with long lasting effects.

**Aquatic and terrestrial toxicity**

Product/ingredient name	Result	Species	Exposure
poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	Chronic LC50 1.3 mg/l	Fish	96 hours

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Product AS SOLD**

**Disposal methods** : Diluted product can be flushed to sanitary sewer.  
 Discard empty container in trash.

**Product AT USE DILUTION**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**DOT**

**DOT Classification** : Not regulated.

**IMO/IMDG**

**IMO/IMDG Classification** : UN3082  
**IMO/IMDG Proper shipping name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (poly (oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-). Marine pollutant  
**Class** : 9  
**Packing group** : III

For transport in bulk, see shipping documents for specific transportation information.

**Product AT USE DILUTION**

Not intended for transport.

## Section 15. Regulatory information

**Product AS SOLD**

**U.S. Federal regulations**

TSCA 8(b) inventory : All components are listed or exempted.  
 SARA 302/304/311/312 extremely hazardous substances: No listed substance  
 SARA 302/304 emergency planning and notification: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements	: No listed substance		

California Prop. 65 : No listed substance

## Section 16. Other information

**Product AS SOLD**

**Hazardous Material Information System (U.S.A.)**

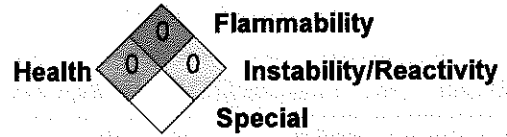
Health	2
Flammability	0
Physical hazards	0

**National Fire Protection Association (U.S.A.)**



**Product AT USE DILUTION**

Health	0
Flammability	0
Physical hazards	0



Date of issue : 24 Jan 2014  
 Prepared by : Regulatory Affairs  
 1-800-352-5326

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.