

# Material Safety Data Sheet

CLEAN & SMOOTH



## 1. Product and company identification

Trade name of product : CLEAN & SMOOTH

Product use : Skin Cleaner

Product dilution information : Not applicable

Supplier's information : Ecolab Co.  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-800-352-5326

Code : 913996

Date of issue : 02-December-2013

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

## 2. Hazards identification

### Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION!

May cause mild eye irritation.

Avoid contact with eyes.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

### Potential acute health effects

#### Product AS SOLD

Eyes : May cause mild eye irritation.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

### Product AT USE DILUTION

Product is sold ready to use.

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## 3. Composition/information on ingredients

### Product AS SOLD

#### Name

sulfuric acid, mono-c10-16-alkyl esters, sodium salts  
LAURYL POLYGLUCOSE

#### CAS number

68585-47-7  
110615-47-9

#### % by weight

3 - 7  
1 - 5

### Product AT USE DILUTION

#### Name

Product is sold ready to use.

#### CAS number

#### % by weight

## 4. First-aid measures

	Product AS SOLD
<b>Eye contact</b>	: Rinse with water for a few minutes.
<b>Skin contact</b>	: Get medical attention if symptoms appear.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 5. Fire-fighting measures

### Product AS SOLD

<b>Auto-ignition temperature</b>	: Not available.
<b>Flammable limits</b>	: Not available.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
<b>Special remarks on fire hazards</b>	: Not available.
<b>Special remarks on explosion hazards</b>	: Not available.
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Dyke area of fire to prevent runoff. In a fire or if heated, a pressure increase will occur and the container may burst.
<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.

## 6. Accidental release measures

	Product AS SOLD
<b>Personal precautions</b>	: No special measures required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Absorb with an inert material. Use a water rinse for final clean-up.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 7. Handling and storage

	Product AS SOLD
<b>Handling</b>	: Wash hands after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container. Store between the following temperatures: 5 and 45°C

**Product AT USE DILUTION**  
Product is sold ready to use.

## 8. Exposure controls/personal protection

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**Product AS SOLD**  
**Engineering measures** : No special ventilation requirements.

### Personal protection

**Eyes** : No special protection is required.  
**Hands** : No special protection is required.  
**Skin** : No special protection is required.  
**Respiratory** : No special protection is required.

### Product AT USE DILUTION

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Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	Notations
No exposure limit value known.											

Consult local authorities for acceptable exposure limits.

## 9. Physical and chemical properties

**Product AS SOLD**  
**Physical state** : Liquid.  
**Flash point** : > 100°C  
**Colour** : White  
**Odour** : Sweetish  
**pH** : 6.5 [Conc. (% w/w): 100%]  
**Boiling/condensation point** : Not available.  
**Melting/freezing point** : Not available.  
**Relative density** : 1.025  
**Vapour pressure** : Not available.  
**Vapour density** : Not available.  
**Odour threshold** : Not available.  
**Evaporation rate** : Not available.  
**Viscosity** : Kinematic (room temperature): 0 cm<sup>2</sup>/s (0 cSt)  
**Dispersibility properties** : Not available.  
**Solubility** : Not available.  
**LogK<sub>ow</sub>** : Not available.

### Product AT USE DILUTION

Product is sold ready to use.

## 10. Stability and reactivity

### Product AS SOLD

**Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.  
**Conditions of instability** : Not available.  
**Reactivity** : Not available.  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
**Hazardous polymerisation** : Under normal conditions of storage and use, hazardous polymerisation will not occur.

## 11. Toxicological information

### Potential acute health effects

#### Product AS SOLD

**Eyes** : May cause mild eye irritation.  
**Skin** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Product AT USE DILUTION

Product is sold ready to use.

#### Product AS SOLD

### Potential chronic health effects

**Carcinogenic effects** : No known significant effects or critical hazards.  
**Mutagenic effects** : No known significant effects or critical hazards.  
**Teratogenic effects** : No known significant effects or critical hazards.  
**Reproductive effects** : No known significant effects or critical hazards.  
**Sensitization to Product** : No known significant effects or critical hazards.  
**Synergistic products (toxicologically)** : Not available.

### Toxicity data

Product/ingredient name	Test	Route	Result	Species
d-glucopyranose, oligomeric, c10-16-alkyl glycosides	LD50	Dermal	>2000 mg/kg	Rabbit
	LD50	Oral	>2000 mg/kg	Rat
sulfuric acid, mono-c10-16-alkyl esters, sodium salts	LD50	Dermal	>500 mg/kg	Rat
	LD50	Oral	2175 mg/kg	Rat

### Other adverse effects

**Target organs** : Not available.

## 12. Ecological information

**Ecotoxicity** : Not reported

## 13. Disposal considerations

#### Product AS SOLD

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

#### Product AT USE DILUTION

Product is sold ready to use.

## 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.

#### Product AS SOLD

#### TDG

**TDG Classification** : Not regulated.

#### IMO/IMDG

**IMO/IMDG Classification** : Not regulated.

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

## 15. Regulatory information

### Product AS SOLD

### Product AT USE DILUTION

**WHMIS** : Not controlled under WHMIS.  
Notified cosmetic under Food & Drugs Act

Product is sold ready to use.

**Canada inventory** : At least one component is not listed in DSL but all such components are listed in NDSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## 16. Other information

### Product AS SOLD

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

Health	1
Flammability	0
Physical hazards	0

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



**Date of issue** : 02-December-2013

**Responsible name** : Regulatory Affairs  
1-800-352-5326

▣ Indicates information that has changed from previously issued version.

### 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.