SAFETY DATA SHEET

TOTAL BODY SHAMPOO

Section 1. Chemical product and company identification

Product name : TOTAL BODY SHAMPOO

Recommended use and restrictions : Skin Cleaner

Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Healthcare Division
370 N. Wabasha St.
St. Paul, MN 55102
1-866-781-8787

Code : 920817-11

Date of issue : **23 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 2B

GHS label elements

Signal word : Warning

Hazard statements : Causes eye irritation.

Precautionary statements

Prevention : No special protection is required.

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

Product is sold ready to use.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, ammonium salts	5 - 20	67762-19-0
AMMONIUM LAURYL SULFATE	1 - 5	2235-54-3
COCAMIDOPROPYL BETAINE	1 - 5	61789-40-0
ALCOHOL	1 - 5	64-17-5
GLYCOL STEARATE	1 - 5	111-60-4

Section 3. Composition/information on ingredients

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

Section 4. First aid measures

Product AS SOLD

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact : In the event of any complaints or symptoms, avoid further exposure. Get medical attention if irritation persists.

Inhalation : No special measures required. Treat symptomatically.

Ingestion : Get medical attention if symptoms occur.

Product AT USE DILUTION
Product is sold ready to use.

Protection of first-aiders : 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.

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media : Use water spray, fog or foam.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides

Specific fire-fighting methods : 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.

Special protective equipment for fire-fighters : 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

Personal precautions : No special measures required.

Environmental precautions : Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up : Absorb with an inert material. Use a water rinse for final clean-up.

Product AT USE DILUTION
Product is sold ready to use.

Section 7. Handling and storage

Product AS SOLD

Handling : Wash hands after handling.

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

Store between the following temperatures: 0 and 35°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
ALCOHOL	**ACGIH TLV (United States, 3/2012).** STEL: 1000 ppm 15 minutes. **OSHA PEL (United States, 6/2010).** TWA: 1900 mg/m³ 8 hours. TWA: 1000 ppm 8 hours. **NIOSH REL (United States, 6/2009).** TWA: 1000 ppm 10 hours. TWA: 1900 mg/m³ 10 hours.
GLYCOL STEARATE	**ACGIH TLV (United States, 3/2012).** TWA: 10 mg/m³ 8 hours. Form: Total particulate mass

Product AS SOLD

Appropriate engineering controls : No special ventilation requirements.

Personal protection

Eye protection : No special protection is required.

Hand protection : No special protection is required.

Skin protection : No special protection is required.

Respiratory protection : No special protection is required.

Hygiene measures : No special measures required.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.

Color : Orange [Light]

Odor : Fragrance-like

pH : 6.8 to 7.6 (100%)

Flash point : > 100°C

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.

Vapor density : Not available.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Relative density : 1 to 1.02 (Water = 1)

Solubility : Not available.

Partition coefficient: n-octanol/water : Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Odor threshold : Not available.

Viscosity : Kinematic (room temperature): 0 cm^2/s (0 cSt)

Section 10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Not available.

Hazardous decomposition products : 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

Eye contact : Adverse symptoms may include the following:
irritation
watering
redness

Skin contact : No specific data.

Inhalation : No specific data.

Ingestion : No specific data.

Acute toxicity

Eye contact : Causes eye irritation.

Skin contact : 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.

Toxicity data

Product/ingredient name			
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-. omega.-hydroxy-, c10-16-alkyl ethers, ammonium salts	LD50 Dermal	Rat	8000 mg/kg
	LD50 Oral	Rat	3350 mg/kg
sulfuric acid, monododecyl ester, ammonium salt	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	1400 mg/kg
1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts	LD50 Oral	Rat	2600 mg/kg
ethanol	LC50 Inhalation Vapor	Rat	117 mg/l

Section 11. Toxicological information

	LD50 Dermal	Rabbit	15800 mg/kg
	LD50 Oral	Rat	10470 mg/kg
octadecanoic acid, 2-hydroxyethyl ester	LD50 Oral	Rat	>5000 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 : No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
Not available.			

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

Product is sold ready to use.

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 **Not regulated.**

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

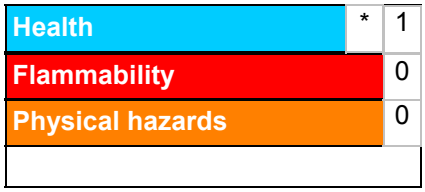
SARA 313	Product name	CAS number	Concentration
Form R - Reporting requirements	: No listed substance		

California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

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



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



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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.