

Material Safety Data Sheet



ACCENT PLUS TOTAL BODY SHAMPOO

Section 1. Chemical product and company identification

Trade name : ACCENT PLUS TOTAL BODY SHAMPOO
Product use : Skin Cleaner
Supplier : Ecolab Healthcare Division

5105 Tomken Road
Mississauga ON L4W 2X5
1-800-352-5326

Code : 920817

Date of issue : 19-August-2008

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, ammonium salts	67762-19-0	3 - 7
propylene glycol	57-55-6	3 - 7
1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts	61789-40-0	1 - 5
ethanol	64-17-5	0.5 - 1.5
octadecanoic acid, 2-hydroxyethyl ester	111-60-4	0.5 - 1.5

Section 3. Hazards identification

Physical state : Liquid. [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

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)

Section 4. First-aid measures

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

Skin contact : Get medical attention if symptoms appear. Wash clothing before reuse.

Inhalation : If inhaled, remove to fresh air.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire-fighting measures

Auto-ignition temperature	: Not available.
Flash point	: > 100°C
Flammable limits	: Not available.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Fire-fighting media and instructions	: 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.

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.

Risk of explosion of the product in the presence of mechanical impact: Not available.

Risk of explosion of the product in the presence of static discharge: Not available.

Section 6. Accidental release measures

Personal precautions	: No special measures required.
Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up	: For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container.

Section 7. Handling and storage

Handling	: Avoid contact with eyes. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not store below the following temperature: 0°C

Section 8. Exposure controls/personal protection

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.

Name

propylene glycol

Exposure limits

CA Ontario Provincial (Canada, 3/2007).

TWAEV: 10 mg/m³ 8 hour(s). Form: aerosol

TWAEV: 155 mg/m³ 8 hour(s). Form: total vapour and aerosol

TWAEV: 50 ppm 8 hour(s). Form: total vapour and aerosol

CA Alberta Provincial (Canada, 10/2006).

8 hrs OEL: 1880 mg/m³ 8 hour(s).

8 hrs OEL: 1000 ppm 8 hour(s).

CA British Columbia Provincial (Canada, 7/2007).

TWA: 1000 ppm 8 hour(s).

CA Ontario Provincial (Canada, 3/2007).

TWAEV: 1900 mg/m³ 8 hour(s).

TWAEV: 1000 ppm 8 hour(s).

CA Quebec Provincial (Canada, 12/2006).

TWAEV: 1880 mg/m³ 8 hour(s).

TWAEV: 1000 ppm 8 hour(s).

ethanol

ACGIH TLV (United States, 1/2007).TWA: 1880 mg/m³ 8 hour(s).

TWA: 1000 ppm 8 hour(s).

octadecanoic acid, 2-hydroxyethyl ester

CA Ontario Provincial (Canada, 3/2007).TWA_{EV}: 10 mg/m³ 8 hour(s). Form: total dust**CA Alberta Provincial (Canada, 10/2006).**8 hrs OEL: 10 mg/m³ 8 hour(s).**CA British Columbia Provincial (Canada, 7/2007).**TWA: 10 mg/m³ 8 hour(s).**ACGIH TLV (United States, 1/2007).**TWA: 10 mg/m³ 8 hour(s).**Section 9. Physical and chemical properties**

Physical state	: Liquid. [Liquid.]
Colour	: Orange. [Light]
Odour	: Fragrance-like.
pH	: 7.2 [Conc. (% w/w): 100%]
Boiling/condensation point	: >100°C (>212°F)
Melting/freezing point	: Not available.
Relative density	: 1.01
Vapour pressure	: Not available.
Vapour density	: Not available.
Odour threshold	: Not available.
Evaporation rate	: Not available.
LogK _{ow}	: Not available.

Section 10. Stability and reactivity

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.

Section 11. Toxicological information**Potential acute health effects**

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.

Potential chronic health effects

Carcinogenic effects : No known significant effects or critical hazards.

<u>Ingredient name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Not applicable.				

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

<u>Ingredient name</u>	<u>Test</u>	<u>Route</u>	<u>Result</u>	<u>Species</u>
ethanol	LD50	Oral	3450 mg/kg	Mouse
	LD50	Oral	7060 mg/kg	Rat
	LD50	Oral	7 g/kg	Rat - Male
propylene glycol	LD50	Dermal	20800 mg/kg	Rabbit
	LD50	Oral	18500 mg/kg	Rabbit
	LD50	Oral	20300 mg/kg	Mouse
	LD50	Oral	20 g/kg	Rat

Target organs : There is no known chronic effect after exposure to this product.

Section 12. Ecological information

Ecotoxicity

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
ethanol	Fish	96 hours	Acute LC50 13000 mg/L
	Fish	96 hours	Acute LC50 >100 mg/L
propylene glycol	Daphnia	48 hours	Acute EC50 >10000 mg/L
	Fish	96 hours	Acute LC50 55770 mg/L
	Fish	96 hours	Acute LC50 >62000 mg/L
	Fish	96 hours	Acute LC50 710 mg/L

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

See shipping documents for specific transportation information.

Section 15. Regulatory information

WHMIS : Not a WHMIS controlled material.

Notified cosmetic under Food & Drugs Act

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*.

Section 16. Other information

Date of issue : 19-August-2008.
Responsible name : Regulatory Affairs
1-800-352-5326
Date of previous issue : 19-August-2008.

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.