Material Safety Data Sheet



CLEAN & SMOOTH

Section 1. Chemical product and company identification

CLEAN & SMOOTH Trade name

Product use Skin Cleaner

Supplier

Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul. MN 55102 1-800-352-5326

Code : 913996

: 11-May-2007 Date of issue

> **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

United States

CAS number % by weight Name sulfuric acid, mono-c10-16-alkyl esters, sodium salts 68585-47-7 1 - 5 d-glucopyranose, oligomeric, c10-16-alkyl glycosides 1 - 5 110615-47-9 Perfume ingredient. (Honey-like.) <1 mixture

Section 3. Hazards identification

Physical state : Liquid. **Emergency** : CAUTION

overview

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes.

Potential acute health effects

: Moderately irritating to eyes. **Eves**

: No known significant effects or critical hazards. Skin : No known significant effects or critical hazards. Inhalation 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 cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. 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.

: Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation Ingestion

persists, get medical attention.

Section 5. Fire fighting measures

Flash point $: > 100^{\circ}C$

Products of combustion Decomposition products may include the following materials: halogenated

compounds, hydrogen chloride.

Fire-fighting media and

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike liquid for later disposal.

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No specific hazard.

for fire-fighters

Special protective equipment : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure

Section 6. Accidental release measures

Personal precautions : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

: If emergency personnel are unavailable, contain spilled material. 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 for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling

: Avoid contact with eyes. Wash thoroughly after handling.

Storage

Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, wellventilated area.

Do not store below the following temperature: 0°C

Section 8. Exposure controls, personal protection

Engineering measures

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection:

Eyes : No protective equipment is needed under normal use conditions. **Hands** : No protective equipment is needed under normal use conditions. Skin : No protective equipment is needed under normal use conditions. : No protective equipment is needed under normal use conditions. Respiratory

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

: Liquid. **Physical state** White. Color : Sweetish. Odor

: 6.5 [Conc. (% w/w): 100%] Hq

Specific gravity : 1.025

Section 10. Stability and reactivity

Stability : The product is stable.

Hazardous decomposition : Decomposition products may include the following materials: halogenated

products compounds, hydrogen chloride.

Section 11. Toxicological information

Potential acute health effects

Eyes : Moderately irritating to eyes.

: No known significant effects or critical hazards. Skin Inhalation : No known significant effects or critical hazards. : No known significant effects or critical hazards. Ingestion

Potential chronic health effects

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

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Chronic effects on humans

Section 12. Ecological information

Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled 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

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
UN Classification	Not regulated.	-	-	-	-

APPLIES ONLY DURING ROAD TRANSPORT

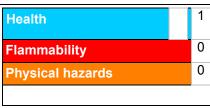
Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification : Irritating material

Section 16. Other information

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



Date of issue : 11-May-2007.
Responsible name : Regulatory Affairs
Date of previous issue : 11-May-2007.

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.