

SAFETY DATA SHEET

Hand Cleaner

Preparation Date 02-May-2011

Revision Date 02-May-2016

Revision Number 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product name Hand Cleaner
Item#: NZ14026
Recommended use Hand cleaner

Supplier DeLaval Manufacturing
PO Box 15-205
Kells Place
Hamilton
New Zealand

Telephone Number +64 7 847 9904
(8am - 4:30pm Mon-Fri)

Emergency telephone number +64 3 474 7000 (National Poisons Centre)
0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

HAZARDOUS SUBSTANCE NON-DANGEROUS GOODS

WARNING

Causes eye irritation
Harmful to aquatic life with long lasting effects

Potential health effects

Principle Routes of Exposure Eye contact
Skin contact
Ingestion
Inhalation

Major effects of exposure

Eyes May cause irritation
Skin May cause mild irritation
Ingestion Harmful if swallowed
Inhalation May irritate nose, throat, and respiratory tracts

Read Safety Data Sheet before use

3. Composition/information on ingredients

Component	CAS-No	Weight %
Ethanolamine	141-43-5	5 - 10
Coconut diethanolamide	68603-42-9	1 - 5

Other ingredients, determined not to be hazardous subject to the provisions of the Hazardous Substances (identification) Regulations 2001, make up the product concentration to 100%

4. First aid measures

General advice	Immediate medical attention is not required. Show this safety data sheet to the doctor in attendance.
Eye contact	Call a physician immediately Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Skin contact	Wash off immediately with plenty of water for at least 15 minutes If skin irritation persists, call a physician Call a physician immediately
Inhalation	Move to fresh air If symptoms persist, call a physician
Ingestion	Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting.
Protection of first-aiders	Use personal protective equipment.

5. Fire-fighting measures

Hazchem Code	No Hazchem Code allocated
Flammable properties	No information available
Suitable extinguishing media	Water. Water spray. Carbon dioxide (CO ₂). Dry powder. Foam.
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	Transfer to steel drums with a lid
Protective equipment and precautions for firefighters	Use personal protective equipment.

6. Accidental release measures

Personal precautions	Use personal protective equipment. Avoid contact with the skin and the eyes.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water.

7. Handling and storage

Handling	Ensure adequate ventilation. Wear personal protective equipment. Remove and wash contaminated clothing before re-use.
Storage	Keep container tightly closed. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls / Personal Protection

Component	OSH (New Zealand, 1/2002)	Ethanolamine	TWA: 3 ppm TWA: 7.5 mg/m ³ STEL: 15 mg/m ³ STEL: 6 ppm
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Engineering measures	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye/face protection	Tightly fitting safety goggles. Goggles.
Skin protection	Long sleeved clothing, Apron, Boots, impervious clothing
Respiratory protection	No special protective equipment required.

General Hygiene Considerations

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

9. Physical and chemical properties

Appearance	viscous pearlescent
Form	Liquid
Odor	Lemon
pH	10.0 - 10.5
Specific Gravity	1.03
Water solubility	soluble
Vapor pressure	no data available
Vapor density	no data available
Boiling Point/Range	no data available
Freezing Point/Range	no data available
VOC Content (%)	5.62999981641769

10. Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Heat, flames and sparks
Incompatible materials	None in particular.
Hazardous decomposition products	None under normal use.

11. Toxicological information

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanolamine	1720 mg/kg (Rat)	1 mL/kg (Rabbit) 1025 mg/kg (Rabbit)	
Coconut diethanolamide	12400 µL/kg (Rat)		

Potential health effects

Carcinogenicity

There are no known carcinogenic chemicals in this product

Sensitization	No information available
Neurological effects	No information available
mutagenic effects	No information available
Reproductive toxicity	No information available
Developmental Toxicity	No information available
Target Organ Effects	Central nervous system (CNS), Eyes, Respiratory system, Skin.

12. Ecological information

Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethanolamine	EC50 = 15 mg/L 72 h		EC50 = 110 mg/L 17 h EC50 = 12200 mg/L 2 h EC50 = 13.7 mg/L 30 min	EC50 = 65 mg/L 48 h

Persistence and degradability No information available

Bioaccumulation/ Accumulation No information available

Mobility No information available

13. Disposal considerations

Waste Disposal Method Can be incinerated, when in compliance with local regulations.

Contaminated packaging Clean container with water. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

not regulated

15. Regulatory information

ERMA NZ Registration Number HSR002552

ERMA Group Standard Cosmetic Product Group Standard 2006

HSNO Classifications 6.4A Substances that are irritating to the eye
9.1C Substances that are harmful to the aquatic environment

HSNO Conditions Hazardous Substances Location trigger quantity: N/A
Approved Handler trigger quantity: N/A
Secondary containment trigger quantity: 10000L or 10000kg
Signage trigger quantity: 10000L or 10000kg
Response Plan trigger quantity: 10000L or 10000kg

16. Other information

Prepared By DeLaval Manufacturing
11100 N. Congress Ave.
Kansas City, MO 64153 USA
1-816-891-7700

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References

- NZS 5433:2007 Transport of Dangerous Goods on Land
- Land Transport (Dangerous Goods) Rule 45001:2005
- Hazardous Substances Regulations 2001:
 - Minimum Degrees of Hazard
 - Classification
 - Classes 1 to 5 Controls
 - Classes 6, 8 and 9 Controls
 - Packaging Regulations
 - Identification Regulations
 - Disposal Regulations
 - Emergency Management
 - Identification Regulations
 - Disposal Regulations
- Health and Safety in Employment Regulations 1995
- User Guide to the HSNO Thresholds and Classifications
- OSH Workplace Exposure Standards January 2002
- NZCIC Approved Code of Practice - Preparation of Safety Data Sheets
- Signage for premises storing hazardous substances and dangerous goods

Disclaimer

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End of SDS