

Sentinel

Hazardous, NON-Dangerous Goods

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product Sentinel
Recommende Liquid hand soap, antibacterial

Supplier: Hygiene Technologies Ltd
Street 28 Rangitane Rd
 Whakatu, Hastings 4172
 New Zealand

Telephone: + 64 6 876 4111 or 0800 732 525

Emergency: **NZ Fire Service 111**
Telephone **National Poisons Centre (24/7) - 0800 POISON (0800 764 766)**

2. HAZARDS IDENTIFICATION

Hazardous Substances This material is hazardous according to criteria of EPA New Zealand.

Signal Word
Warning



EPA Group Standard HSR002552 – Cosmetic Product Group Standard.

Hazard Categories Eye Irritation – Category 2A.

Hazard Statements
H319 Causes serious eye irritation.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear eye protection.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice.

Storage Precautionary Statement

None allocated.

Disposal Precautionary Statement

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P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS No.	PROPORTION
Sodium lauryl ether sulphate	68891-38-3	1 - 5 %
Coconut Diethanolamine	68603-42-9	1 - 5 %
Ingredients determined to be Non-Hazardous	-	Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone New Zealand 0800 764 766).

Inhalation: Remove person from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Skin Contact If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician Treat symptomatically. Effects may be delayed.

5. FIRE FIGHTING MEASURES

Hazchem Code Not applicable.

Suitable Extinguishing Media If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards Non-combustible material.

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Fire fighting further advice Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

6. ACCIDENTAL RELEASE MEASURES

Small Spills Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No Not applicable.

7. HANDLING AND STORAGE

Handling Avoid eye contact.

Storage Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.
Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits Not applicable.

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard - Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

WES-STEL (Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

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(skin) - Skin absorption. Skin absorption—applicable to a substance that is capable of being significantly absorbed into the body through contact with the skin.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures Not considered necessary for this product.

Personal Protection Equipment SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES. **When handling individual retail packs no personal protection equipment is required.**

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Blue
Odour	Characteristic
pH	5.8-6.5 (approx.)
Total VOC (g/litre)	N Av
Boiling Point / Range (°C)	Approx. 100
Flash Point (°C)	N App
Vapour Pressure	2.3 kPa (water)
Specific Gravity	Approx. 1
Solubility	Soluble in water
Viscosity	Viscous
Flammability Limits (%)	N Av
Melting Point/Range (°C)	Approx. 0

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Relative Vapour Density <1
(air=1)
Autoignition
Temperature (°C) N App

10. STABILITY AND REACTIVITY

Chemical Stability This material is thermally stable when stored and used as directed.

Conditions to avoid Elevated temperatures and sources of ignition.

Incompatible Materials Strong Oxidising agents.

**Hazardous
Decomposition Products** Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE EFFECTS

Inhalation Considered low risk. Material may be an irritant to mucous membranes and respiratory tract.

Skin Contact No adverse effects expected when used as directed.

Ingestion Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact An eye irritant.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard This material has been classified as hazardous. Acute toxicity estimate (based on ingredients): 10-100 mg/L.

Ecotoxicity in the soil environment This material has been classified as non-hazardous.

Ecotoxicity to terrestrial vertebrates This material has been classified as non-hazardous.

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Ecotoxicity to terrestrial invertebrates This material has been classified as non-hazardous.

Ecotoxicity No information available.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material/constituent(s) is subject to the following requirements:

All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

EPA Group Standard HSR002552 – Cosmetic Product Group Standard.

16. OTHER INFORMATION

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

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If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Version	2
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Reason for Issue	Formulation change