

Supaclene

1. Identification of the substance/mixture and supplier

Product Name	Supaclene
Other names	None
Recommended Uses	Hard surface cleaner
Supplier	Clark Products Limited
Street address	24-28 Niven Street Onekawa Napier
Telephone Number	(06) 843 6049
Facsimile	(06) 843 2758
Emergency Telephone	0800 CHEMCALL (24 hours) 0800 243 622

2. Hazards Identification

Dangerous Goods	Not classified as a dangerous good according to NZS 5433:1999 Transport of Dangerous Goods on Land
Hazardous Substances	Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) regulations 2001
HSNO Classification	6.1E (acutely toxic) 6.3B (mild skin irritant) 6.4A (irritating to the eyes) 9.1D (slightly harmful in the aquatic environment) 9.3C (harmful to terrestrial vertebrates)
Hazard Statements	May be harmful in contact with skin. Causes mild skin irritation. Causes eye irritation. May cause long lasting harmful effects to aquatic life. Harmful to terrestrial vertebrates.
Precautionary Statements	Keep out of reach of children. Read label before use. Wash hands and exposed skin thoroughly after handling. Avoid release to the environment.

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Non-ionic surfactants		<10%
Butoxyethanol	111-76-2	<5%
Complex Phosphates	-	<5%
Red Dye	-	<0.1%
Water	7732-18-5	To 100%

4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. Have product container or label at hand.

Swallowed	Do <u>NOT</u> induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor/physician if you feel unwell.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with plenty of soap and water, remove contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.
Inhaled	Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Call a POISON CENTRE or doctor/physician if you feel unwell.
Advice to Doctor	Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

5. Fire-fighting Measures

Specific Hazard	Non-combustible material. Upon heating may liberate fumes including oxides of carbon
Suitable Extinguishing Media	Not combustible. If involved in a fire use media appropriate for surrounding fire conditions. Safe to use: Water fog or water spray, foam, dry agent (carbon dioxide, dry chemical powder)
Fire-fighting advice	Not combustible. Following evaporation of aqueous component residual material can decompose in a fire, emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition

6. Accidental Release Measures

Clear area of all unnecessary and unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled container for recycling or disposal. Absorb residues with sand, earth, vermiculite or other inert material and collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water and prevent run off into drains. If contamination of sewers or waterways and/or surrounding environment has occurred notify local emergency services, local authorities and the Regional Council.

7. Handling and Storage

Handling advice	Before use carefully read the product label. Avoid eye contact. Avoid generating and breathing mist or vapour. Wash splashed material off exposed skin thoroughly after handling. Avoid release to the environment.
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Storage advice

Store in a cool, dry well ventilated area, away from direct sunlight, heat sources and food stuffs. Ensure containers are correctly labelled, protected from physical damage, sealed when not in use and stored upright. Check regularly for leaks, spills etc. Keep out of reach of children. Keep containers closed when not in use. Do not use empty containers for storage of foodstuffs.

8. Exposure Controls / Personal Protection

Workplace Exposure Guidelines

No value assigned for this specific material by the NZ Occupational Safety and Health Services (OSH).

For component: 2-Butoxyethanol: WES- TWA: 25 ppm, (121 mg/m³)

As published by the New Zealand Occupational Safety and Health Service (OSH).

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

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.

Engineering Controls

Natural ventilation should be adequate under normal use conditions. Ensure ventilation is adequate to maintain air concentrations below exposure limits. Use exhaust ventilation or wear a respirator if necessary. Keep containers closed when not in use.

Personal Protective Equipment

Wear chemical goggles if exposure to undiluted material is likely. Wear PVC or rubber gloves where repeated or prolonged contact is likely or contact with broken or sensitive skin is possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and Chemical properties

Appearance	Clear red liquid
Odour	None
Solubility	Complete solubility in water
Specific Gravity	1.02 approx
Flash Point (°C)	Not applicable
pH	12-13
Freezing Point	Not available
Boiling Point	Not available
Vapour Pressure	Not available

10. Stability and Reactivity

Stability Product is stable under directed conditions of use, storage and temperature. May evolve toxic fumes when heated to decomposition

Reactivity Incompatible with acids

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:

Swallowed May cause irritation or burning to throat, gastric tract and stomach

Eye Contact	Irritating to eyes, contact may cause corneal burns
Skin Contact	May cause irritation to skin in cases of prolonged contact or with sensitive skin
Inhaled	Breathing in mists or aerosols may produce respiratory irritation.
Long Term Effects	No information available for the product
Toxicological Data	No LD50 data available for this product. For component Butoxyethanol: Acute Oral LD50 (rabbit): 300 mg/kg body weight

12. Ecotoxicological information

Avoid contaminating waterways. Biodegradable.

Aquatic toxicity No data available for this product

13. Disposal

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Normally product is suitable for disposal at an approved landfill site. Processing, use or contamination of this product may change the waste management options. Care should be taken to ensure compliance with national and local regulations. This product is NOT for disposal via municipal sewers, drains, natural streams or rivers.

Special Precautions: Emptied containers retain product residue and may therefore present hazards. Empty containers should be taken for disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned or destroyed. Decontaminate empty containers with plenty of water. Dispose of washed containers in accordance with local authority requirements (normally at an approved landfill site).

14. Transport information

Transport of Dangerous Goods Pictograms: *Not applicable for the UN RTDG Model Regulations*

Road and Rail Transport

Not classified as a Dangerous Good according to NZS 5433:1999 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

ERMA (NZ) Approval code HSR002530

Group Standard Cleaning Products (Subsidiary Hazard) Group Standard 2006

HSNO Classification 6.1E (acutely toxic)
6.3B (mild skin irritant)
6.4A (irritating to the eyes)
9.1D (slightly harmful in the aquatic environment)
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HSNO Controls **Trigger quantities for this substance by itself in a “place”:**
Approved Handler: *requirement not triggered*
Secured when unattended: *requirement not triggered*
Tracking: *requirement not triggered*
Transit depot requirements: *requirement not triggered*
Hazardous substance location: *requirement not triggered*
Hazardous atmosphere zone: *requirement not triggered*
Child Resistant Packaging: requirement if offered for sale in a package that is less than 2.5L (*Not applicable if the offer for sale is made in a place of work where children do not have access and the substance is for use in that place of work*)

Emergency Management

Level 1 information: 0.1 Litre
Level 2 documentation: 5 Litres
Level 3 requirements: 10,000 Litres
Emergency response plan: 10,000 Litres
Workplace signage: 10,000 Litres
Fire extinguishers: *requirement not triggered*

GHS Pictogram: No pictogram

16. Other information

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