

Safety Data Sheet

Section 1 – Identification of Chemical Product and Company

Trade Name: Nu-clean Dishwashing Detergent
Chemical Nature: Apple Dishwash, Lemon Dishwash, Mint Dishwash (10%, 15%, 20%)
Product Use: For use as a dishwashing liquid or for general cleaning
Company Name: Clearchoice Products Pty Ltd
Address: 1 Hilton Avenue, Sydenham, NSW 2044
Contact: (02) 9557 0111
Info@clearchoiceproducts.com

Poisons Information Centre: Phone 131 126 from anywhere in Australia

Section 2 – Hazards Identification

Physical Hazards Summary

Not classifiable

Potential Health Hazards Summary

Skin irritation, Category 2
Severe eye damage, Category 1

Potential Ecological Effects Summary

Not classifiable

2.1 Classification of Product

Classification as per GHS (Rev 3)/2009

Skin irritation, Category 2
Severe eye damage, Category 1

2.2 Label Elements GHS

GHS Signal word:

WARNING



Eye irritation category 2B

Hazard statement:

H315: Causes skin irritation

H317: May cause allergic skin reaction **Prevention**

Safety Data Sheet

Clearchoice Products Pty Ltd

ABN 64 086 032 135

info@clearchoiceproducts.com

(02) 9557 0111

Product name: Nu-clean
This version issued: January 2025
(Valid for 5 years from this date)

P264: Wash contacted areas thoroughly after handling.
P280: Use personal protective equipment as required.
P261: Avoid breathing mist, vapors or spray
P272: Contaminated clothing should not be allowed out of the workplace

Response

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN wash with soap and water.
P332+P313: If skin irritation occurs, get medical advice/attention
P363: Wash contaminated clothing before reuse
P333+P315: If skin irritation or a rash occurs, get medical advice/attention.

Storage None.

Disposal

P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

This product is a translucent green liquid with an apple odour, translucent yellow liquid with lemon odour or translucent green liquid with mint odour. Repeated exposure to the undiluted product may cause minor skin irritation. The product is not flammable.

Section 3 – Composition / Information on Ingredients

INGREDIENTS	CAS no	% W/W	GHS
Sodium Dodecyl Benzene Sulphonate	25155-30-0	<10%	Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)
Sodium Lauryl Ether Sulphate	9004-82-4	<10%	Acute toxicity, Oral, Category 4 (H302) Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318)
Coconut Diethanolamide	68603-42-9	<10%	Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)

Safety Data Sheet

Clearchoice Products Pty Ltd
ABN 64 086 032 135
info@clearchoiceproducts.com
(02) 9557 0111

Non-hazardous components	N/A	70%	Not classifiable as hazardous under the GHS
--------------------------	-----	-----	---------------------------------------------

Section 4 – First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 131 126 from anywhere in Australia (0800 764 766 in New Zealand) and is always available. Have this SDS with you when you call.

4.1	Description of Necessary Measures	
	Skin exposure:	If this product contaminates the skin, immediately begin decontamination with running water. Remove exposed or contaminated clothing, taking care not to contaminate eyes.
	Eye exposure:	If this product enters the eyes, open victim's eyes while under gently running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Seek medical attention immediately
	Inhalation:	None necessary
	Ingestion:	If this product is swallowed, CALL POISON CENTER or PHYSICIAN FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITING. Mouth should be rinsed with water if conscious. Never induce vomiting or give a diluent (e.g., water) to someone who is unconscious, having convulsions, or unable to swallow. If contaminated individual is convulsing, maintain an open airway and obtain immediate medical attention.
4.2	Most Important Symptoms/Effects:	<p>Immediate: Inhalation exposure may cause coughing or sneezing/respiratory tract irritation. Symptoms of skin and eye contact may include redness and irritation. Ingestion may cause stomach pains, cramps, and gastritis.</p> <p>Delayed: Prolonged or repeated skin overexposure to this product may cause dermatitis (dry, red skin).</p>
4.3	Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:	None known. TARGET ORGANS: Acute: Eyes and Skin

Victims of chemical exposure must be taken for medical attention if any adverse effects occur. Rescuers should be taken for medical attention if necessary. Take a copy of label and SDS to physician or health professional with victim.

Section 5 – Fire Fighting Measures

	Flammability properties	Flash Point °C: Not applicable Auto-ignition Temperature °C: Not evaluated Flammable Limits (in air by volume, %): Not evaluated
5.1	Suitable and Unsuitable Extinguishing Media:	This material should not contribute to the intensity of a fire. Use extinguishing material suitable for ordinary combustibles. Water spray YES Foam YES Halon YES Carbon dioxide YES Dry chemical YES Other
5.2	Specific Hazards Arising from Chemical:	When involved in a fire, this material may decompose and produce irritating fumes and toxic gases (e.g., carbon monoxide, carbon dioxide) <u>Explosion Sensitivity to Mechanical Impact:</u> None. <u>Explosion Sensitivity to Static Discharge:</u> Vapours are not expected to ignite
5.3	Special Protective Equipment and Precautions for Fire-Fighters:	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move containers from fire area if it can be done without risk to personnel. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.
5.4	HAZCHEM Code	Not applicable

Section 6 – Accidental Release Measures

6.1 Personal Precautions

Uncontrolled releases should be responded to only by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area and protect people.

Protective equipment

For small releases (< 20 liters), clean up spilled liquid wearing gloves, goggles, face shield, and suitable body protection. Absorb with earth, sand or other non-combustible material and transfer to containers for proper disposal. Prevent further leak/release if it is safe to do so. Do not let the product enter drains.

Emergency procedures

Eliminate all ignition sources. Stop leak if you can do so without risk. Monitoring must indicate that exposure levels are below those provided in

Safety Data Sheet

Clearchoice Products Pty Ltd
 ABN 64 086 032 135
info@clearchoiceproducts.com
 (02) 9557 0111

Section 8 (Exposure Controls-Personal Protection) and that oxygen levels are above 19.5% before anyone is permitted in the area without Self-Contained Breathing Apparatus.

6.2 Environmental Precautions

Prevent release into the environment

6.3 Methods and Materials for Containment and Cleaning Up

Use absorbent material for cleaning up spills. Collect spilled material for proper disposal. Decontaminate the area thoroughly. Place all spill residues in a suitable container. Dispose of in accordance with applicable Australian Federal, State, or local procedures, or appropriate local standards (see Section 13, Disposal Considerations).

Section 7 – Handling & Storage

Precautions for Safe Handling: All employees who handle this material should be trained to handle it safely. Open containers carefully on a stable surface. Ensure all connections are tight before transfer. Empty containers may contain residual liquid; therefore, empty containers should be handled with care. Keep away from ignition sources; no smoking. As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat or drink while handling this material. Remove contaminated clothing promptly. During equipment maintenance follow the appropriate workplace practices when decontaminating equipment or cleaning-up small spills. Make certain that application equipment is locked and tagged-out safely if necessary. Collect all rinsates and residual material and dispose of according to applicable Australian Federal, State, or local procedures or appropriate local standards.

Conditions for Safe Storage: Keep containers tightly closed. Store individual containers out of direct sunlight. Tanks should be stored away from intense heat or direct sunlight. Avoid freezing. Store away from incompatible materials. Keep container tightly closed when not in use. If appropriate, post warning signs in storage and use areas. Inspect all incoming containers before storage, to ensure containers are properly labelled and not damaged.

Section 8 – Exposure Controls and Personal Protection

8.1 Appropriate Engineering Controls

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided in this Section or as low as reasonably achievable. Ensure eyewash/safety shower stations are available near areas where this product is used.

8.2 Personal Protective Equipment **Respiratory protection:**

None needed under normal conditions of use. Use only approved respirators if ventilation is inadequate to control mists or vapour.

Eye protection:

Use approved safety goggles or safety glasses. Splash goggles with a face shield may be needed if splash hazards exist.

Hand protection: Wear chemical impervious gloves (e.g., Solvex™, Neoprene, Nitrile).

Body protection: None normally needed. If needed, use body protection appropriate for task (e.g., Tyvek suit, rubber apron) to protect from splashes and sprays. Nomex coveralls are recommended for handling bulk product.

8.3 Biological monitoring Biological monitoring is required if ventilation is inadequate to maintain concentration of airborne hazardous chemicals below the following exposure standards. WorkSafe Australia has not set exposure standards for any of the component parts of this product.

Section 9 – Physical and Chemical Properties

Appearance	This product is a translucent viscous liquid
Odour	Pleasant
Melting Point °C	Not evaluated
Initial Boiling Point °C	100 °C
Flammability	Not flammable
Vapour Density (air = 1)	Not evaluated
Solubility (in water)	Completely soluble
Viscosity	Medium thick
Odour Threshold	Not applicable
pH	7
Boiling Point Range °C	Not evaluated
Evaporation Rate (n- butyl acetate = 1)	Not evaluated
Vapour Pressure mm Hg @ 20°C:	Not evaluated
Relative density (water = 1)	1.0
Oil-Water Partition Coefficient	Not evaluated
How To Detect This Substance (Warning Properties):	Viscous liquid with pleasant odour.

Section 10 – Stability and Reactivity

Reactivity:	Not considered reactive.
Chemical Stability:	Stable under normal use and storage.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Avoid mixing with incompatible materials
Incompatibilities:	No significant incompatibilities are expected.
Hazardous decomposition products:	This product thermally decomposes (for example, in a fire) to carbon dioxide, monoxide, and other toxic gasses. Other than that, no major hazardous decomposition products are expected.

Section 11 – Toxicological Information

Note: This product has not been evaluated for its toxicity as a whole.

Component	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Inhalation LC50 (mg/m3)	Skin Irritation	Serious eye damage
SodiumDodecyl Benzene Sulphonate (CAS # 25155-30- 0)	500 – 2000 mg/kg (Rat)	No data available	No data available	YES	YES
Sodium Lauryl Ether Sulphate (CAS # 9004-82-4)	1700 – 5000 mg/kg (Rat)	No data available	No data available	YES	Irritation
Coconut Diethanolamide (CAS # 68603-42-9)	500 - 2000 mg/kg (Rat)	No data available	No data available	YES	YES

Section 12 – Ecological Information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.1 Ecological Information

Note: This product has not been evaluated for its ecologic impact as a whole.

Component	Toxicity to fish	Toxicity to daphnia	Bioaccumulation	Solubility	Biodegradability
Sodium Dodecyl Benzene Sulphonate (CAS # 25155-30-0)	No data available	No data available	No data available	No data available	No data available
Sodium Lauryl Ether Sulphate (CAS # 9004- 82-4)	No data available	No data available	Not expected	Soluble	No data available
Coconut Diethanolamide (CAS # 68603-42-9)	2.4 mg/L (LC50, 96 hr, rainbow trout)	3.2 mg/L (EC50, 48 hr, water flea)	Not expected	Emulsifiable	Readily biodegradable

12.2 Persistence and Degradability

12.3 Bio-accumulative Potential

12.4 Mobility in Soil

12.5 Other Adverse Ecological Effects

This product is expected to be readily biodegradable

This product is not expected to bio-accumulate

When spilled onto soil, this product is expected to evaporate slowly.

This product may be harmful to aquatic life if large volumes of it are released into an aquatic environment.

Section 13 – Disposal Considerations

Preparing Wastes of this Product for Disposal

Waste disposal must be in accordance with appropriate

Safety Data Sheet

Clearchoice Products Pty Ltd

ABN 64 086 032 135

info@clearchoiceproducts.com

(02) 9557 0111

Australian Federal, State, and local regulations or with local regulations.

Disposal of Contaminated Packaging

Cleaned containers can be recycled or disposed of as non-contaminated waste, if authorized by your local authorities. Dispose of containers as required by local regulations.

Section 14 – Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms

Section 2	<p>GHS: Global Harmonization System Model WHS: Australia’s model Workplace Health and Safety Guidelines CLP: Classification and Packaging STOT: Specific Target Organ Toxicity</p>
Section 3	<p>CAS #: Chemical Abstract Service index number</p>
Section 5	<p>Health Hazard: 0 (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); 1 (materials that on exposure under fire conditions could cause irritation or minor residual injury); 2 (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); 3 (materials that can on short exposure could cause serious temporary or residual injury); 4 (materials that under very short exposure could cause death or major residual injury). Flammability Hazard Reactivity Hazard: Refer to definitions for “Hazardous Materials Identification System”.</p> <p>Flash Point: Minimum temperature at which a liquid gives off sufficient vapours to form an ignitable mixture with air.</p> <p>Auto- ignition Temperature: The minimum temperature required to initiate combustion in air with no other source of ignition.</p> <p>LEL: The lowest percent of vapour in air, by volume, that will explode or ignite in the presence of an ignition source.</p> <p>UEL: The highest percent of vapour in air, by volume, that will explode or ignite in the presence of an ignition source.</p>
Section 8	<p>TLV- Threshold Limit Value - an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-</p>

	<p>minute Short Term Exposure Limit, and the instantaneous Ceiling Level (C). Skin absorption effects must also be considered</p> <p>IDLH - Immediately Dangerous to Life and Health - This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. The DFG - MAK is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL.</p> <p>NIOSH is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (OSHA). NIOSH issues exposure guidelines called Recommended Exposure Levels (RELs). When no exposure guidelines are established, an entry of NE (Not Established) is made for reference.</p>
Section 11	<p>LD50 : Lethal Dose (solids & liquids) which kills 50% of the exposed animals;</p> <p>LC50 : Lethal Concentration (gases) which kills 50% of the exposed animals;</p> <p>ppm: Concentration expressed in parts of material per million parts of air or water;</p> <p>mg/m3 : Concentration expressed in weight of substance per volume of air;</p> <p>mg/kg: Quantity of material, by weight, administered to a test subject, based on their body weight in kg</p> <p>IARC - the International Agency for Research on Cancer;</p> <p>NTP - the National Toxicology Program,</p> <p>RTECS - the Registry of Toxic Effects of Chemical Substances,</p> <p>TDLo, the lowest dose to cause a symptom and</p> <p>TCLo the lowest concentration to cause a symptom; TDo, LDLo, and LDo, or TC, TCo, LCLo, and LCo, the lowest dose (or concentration) to cause lethal or toxic effects.</p> <p>BEI - Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV.</p>
Section 12	<p>LC50: The lowest concentration in water which kills 50% of the test subjects.</p> <p>EC50: The Effect Concentration in water at which 50% of the test species if affected.</p>

Original Preparation 16 November 2016

Revision History 2016 1.0: 16 November 2020

Prepared by Gameson Holdings Pty Ltd
 2/530 Boundary Rd Derrimut, Victoria

This sds summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this sds in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers.

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

Product name: Nu-clean
This version issued: January 2025
(Valid for 5 years from this date)



Please read all labels carefully before using product.

Safety Data Sheet
Clearchoice Products Pty Ltd
ABN 64 086 032 135
info@clearchoiceproducts.com
(02) 9557 0111