



Safety Data Sheet

1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

Product Name: CLG092 - ANTIBACTERIAL PREMIUM HAND DISHWASH LIQUID

Recommended use: Antibacterial Dishwashing Liquid 5L

Supplier: Modern Teaching Aids

Street Address: Level 1, 122-126 Old Pittwater Road
Brookvale 2100
Australia

Telephone: 1800 251 497 (AU) 0800 808 044 (NZ)
Facsimile: 1800 151 492 (AU) 0800 682 329 (NZ)

Emergency Telephone Number: 1800 251 497 (AU) 0800 808 044 (NZ)

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE

GHS classification:

Skin Irritation: Category 2
Eye Irritation: Category 2A

Pictogram(s):



Signal word: Warning

Hazard statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary statements:

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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/attention.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Code (ADG Code) for transport by road and rail.

Poisons Schedule (Aust.): None allocated.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Triethanolamine Dodecylbenzene Sulphonate	27323-41-7	10-15%
Cocamide DEA	68603-42-9	15-35%
Ethanol	64-17-5	< 5%
4-chloro-3,5-dimethyl phenol	88-04-0	< 1%
reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	< 0.1%

4. FIRST AID MEASURES

- Ingestion:** Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical advice.
- Eye contact:** Immediately irrigate with copious amount of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek immediate medical assistance.
- Skin contact:** Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If swelling, redness, blistering or irritation occurs seek medical advice.
- Inhalation:** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Symptoms caused by exposure

Refer to section 2 and 11.

Medical attention and special treatment

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Non-combustible material.

Fire fighting further advice: Non-combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning, will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Slippery when spilt. Avoid accidents clean up immediately. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination.

Environmental precautions:



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Avoid release to the environment. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and cleaning up: Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in of vapours. Keep out of reach of children.

Storage: Keep containers closed at all times - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering measures: None required for this product

Personal protection equipment: GLOVES (Short).
Avoid eye contact. Wear impervious gloves if constantly using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour	: Viscous, clear, green Liquid with apple fragrance
Solubility	: Miscible with water.
Specific Gravity (20C)	: 1.04
Boiling Point (C)	: 100 approx.
pH (neat soln.)	: 7.5 – 8.5

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient storage conditions.

Possibility of hazardous reactions: None known

Conditions to avoid: None known

Incompatible materials: Incompatible with isocyanates, halogenated organics, peroxides, phenols (acidic), epoxides, anhydrides.

Hazardous decomposition products: Carbon dioxide and carbon monoxide, nitrogen compounds.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity: No LD50 data available for product. The components in the proportions present are not considered to represent a hazard under conditions of good occupational work practice.



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Cocamide DEA LD50 oral (rat): 1600mg/kg
5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one: LD50 oral (rat): >4400mg/kg, LD50 dermal (rat): >5000mg/kg,

Skin corrosion/irritation: May cause irritation to skin.

Serious eye damage/irritation: May cause irritation to eyes.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: This product contains Cocamide DEA (68603-42-9) an IARC Group 2B Carcinogen.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) – single exposure: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) – repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Likely routes of exposure: Skin contact. Eye contact.

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

Ingestion: No information available.

Eye contact: An eye irritant.

Skin contact: Contact with the skin may result in irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Long term effects: No information available for product.

12. ECOLOGICAL INFORMATION

Ecotoxicity data: There are no known ecotoxic effects.

Persistence/degradability: This product is readily biodegradable.

Bioaccumulative potential: There is no known risk of potential to bioaccumulate.

Mobility in soil: There is no known data about mobility in soil.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.



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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 is classified as Hazardous according to criteria of Safe Work Australia.

Poisons Schedule (Aust.): None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This Material Safety Data sheet has been prepared by Modern Teaching Aids

Issue Date: 07.06.2021

Supersedes Issue Date: 11.07.2016

Reason(s) for Issue: Five-year update.

This MSDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

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