

1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

Product Name: Cleangiene Wet Det Washing Machine Liquid

Product Description: Liquid laundry detergent.

Supplier: Modern Teaching Aids Pty Ltd

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

Telephone: 1800 251 497

Emergency Telephone Number: 0412 318 882

2. HAZARDS IDENTIFICATION

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE

GHS classification:

Serious eye damage/Eye irritation, Category 2, H319



Signal word: Warning

Hazard statements:

H319: Causes serious eye irritation.

Precautionary statements:

P280: Wear eye protection.

P264: Wash hands thoroughly after handling.

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.

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

Poisons Schedule: None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Non-hazardous component(s)		>60%

Ethoxylated alcohol		<10%
Hexylene glycol	107-41-5	<10%

4. FIRST AID MEASURES

Description of first aid measures

Inhalation:	Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.
Skin contact:	If skin contact occurs, remove contaminated clothing and wash skin. If irritation occurs seek medical advice.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Ingestion:	Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Symptoms caused by exposure

Refer to Section 11.

Medical attention and special treatment

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Non-combustible material.

Fire fighting advice: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning, will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Not combustible, however, if material is involved in a fire use: 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:

Keep unnecessary and unprotected personnel out of spill area. Ventilate area. Use personal protective equipment as required.

Environmental precautions:

Avoid release to the environment.

Methods and materials for containment and cleaning up:

Small Spills: Slippery when spilt. Avoid accidents, clean up immediately. Wipe up with rag or absorbent paper.

Large Spills: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain – prevent runoff into drains and waterways. Use absorbent (soil, sand or other inert materials). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

Handling advice: Avoid skin and eye contact and breathing in vapour, mists, and aerosols.

Storage advice: Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Chemical name	CAS No.	TWA(ppm)	TWA (mg/m3)	STEL (ppm)	STEL (mg/m3)	Advisory carcinogen category	Other advisory information
Hexylene glycol	107-41-5	25 Peak Limitation	121 Peak Limitation	-	-	-	-

Peak Limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. 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 Control Measures: Ensure ventilation is adequate. Keep containers closed when not in use.

Personal protective equipment: CHEMICAL GOGGLES, GLOVES (SHORT). Wear chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Colour: Clear, Turquoise.
Odour: Mild
Solubility: Miscible in water.
Specific Gravity: 1.1
Flash Point (°C): Not applicable.
Boiling Point/Range (°C): 102
pH: 9.6

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.
Possibility of hazardous No known hazardous reactions.

reactions:

Conditions to avoid:	Elevated temperatures.
Incompatible materials:	No information available.
Hazardous decomposition products:	No information available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity:	No LD50 data available for the product.
Skin corrosion/irritation:	May cause skin irritation.
Serious eye damage/irritation:	Irritating to eyes.
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	Not known to be a mutagen
Carcinogenicity:	Not known to cause cancer
Reproductive toxicity:	Not known to be a reproductive hazard
Specific Target Organ Toxicity (STOT): - single exposure:	No data available
Specific Target Organ Toxicity (STOT): - single repeated exposure:	No data available
Aspiration hazard:	No data available

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 adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye contact:	An eye irritant.
Skin contact:	Contact with the skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Inhalation:	Breathing in mists or aerosols may produce respiratory irritation.
Long term effects:	No information available for product

12. ECOTOXICOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. 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.

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

Classification: This material is hazardous according to criteria of Safe Work Australia.

Poisons Schedule: None allocated.

All of 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 Pty Ltd**

Latest Issue Date: 13.10.2021

Supersedes Previous 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.