



# Safety Data Sheet

## 1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

**Product Name:** CLG039 - FLOOR CLEANER 5L

**Recommended use:** Floor Cleaner 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 Goods Code (ADG Code) for transport by road and rail.



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**Poisons Schedule (Aust.):** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Non-hazardous components	-	> 60 %
2-Butoxyethanol	111-76-2	< 5%
Sodium metasilicate	10213-79-3	< 5%
Cocamide DEA	68603-42-9	< 5%
Triethanolamine dodecylbenzene sulphonate	27323-41-7	< 5%
Sodium xylene sulphonate	1300-72-7	< 1%
Phosphoric acid, trisodium salt	7601-54-9	< 1%

## 4. FIRST AID MEASURES

### Description of 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



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**Personal precautions, protective equipment and emergency procedures:** Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours.

**Environmental precautions:**

Avoid release to the environment.

**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:** Store away from oxidising agents. 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. However, Exposure Standard(s) for constituents(s):

Chemical name	CAS No.	TWA (ppm)	TWA (mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Advisory carcinogen category	Other advisory information
2-Butoxyethanol	111-76-2	20	96.9	50	242	-	-

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA – The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

The STEL is a 15-minute time weighted average exposure limit which must not be exceeded at any time during an eight hour working day, even if the exposure during the full day is less than the TWA exposure standard. Exposures at the STEL must not be longer than 15 minutes and must not be repeated more than four times per day. There must be at least 60 minutes between successive exposures at the STEL.

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. 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 measures:** Ensure ventilation is adequate. Keep containers closed when not in use.

**Personal protection equipment:** SAFETY GLASSES, GLOVES (Short).

Avoid skin and eye contact. Wear safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour** : Clear Green Liquid with Pine odour



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<b>Solubility</b>	: Miscible with water.
<b>Specific Gravity (20C)</b>	: 0.98
<b>Boiling Point (C)</b>	: 100
<b>pH (1% aq. soln.)</b>	: 7 - 8
<b>% Volatile by weight</b>	: >60

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available.
<b>Chemical stability:</b>	Product stable under normal conditions of storage and use.
<b>Possibility of hazardous reactions:</b>	No information available.
<b>Conditions to avoid:</b>	No information available.
<b>Incompatible materials:</b>	No information available.
<b>Hazardous decomposition products:</b>	No information available.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects:

#### Acute toxicity / Chronic 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.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	LD50: 2800 mg/kg (rat)	LD50: >2000 mg/kg (rat)	LC50: 0.8 mg/L/2hr (guinea pig) LC50: 1.2 mg/L/2hr (mouse) LC50: 2.3 mg/L/2hr (rat)
2-Butoxyethanol	Oral LD50: 470 mg/kg (rat)	LD50: 99 mg/kg (rabbit)	LC50: 450 ppm/4h (rat ) LC50 = 486 ppm/4h (rat )
Sodium metasilicate	LD50: 500 mg/kg (rat)	LD50: >5000 mg/kg (rat)	-
Cocamide DEA	LD50: 1600mg/kg (rat):	-	-
Phosphoric acid, trisodium salt	LD50: > 300 mg/kg (rabbit)	LD50: 1580 mg/kg (rabbit)	-

**Skin corrosion/irritation:** May cause skin irritation.

**Serious eye damage/irritation:** May cause eye irritation.

**Respiratory or skin sensitisation:** No data available

**Germ cell mutagenicity:** No data available



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**Cancerogenicity:** Non carcinogenic.

**Reproductive toxicity:** No data available

**Specific Target Organ Toxicity (STOT): - single exposure:** No data available

**Specific Target Organ Toxicity (STOT): - repeated exposure:** No data available

**Aspiration hazard:** No data available

**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:**

**2-Butoxyethanol**

Algae: EC50: = 1840 mg/L, 72h

Fish: LC50: = 1490 mg/L, 96h

LC50: = 2950 mg/L, 96h

Water Flea: EC50: = 1550 mg/L, 48h

**Phosphoric acid, trisodium salt**

Fish: LC50: = 151 ppm, 96h (mosquito fish)

Turbid water: 126 ppm'96 hr/(Daphnia magna)

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



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## 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

This material is classified as Non-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: 03.06.2021

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.