

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Dish washing Liquid Green

Recommended Use: For hand washing of dishes

Supplier: Big Bubble
ABN: 51 290 656 636

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Poisons Information Centre: 131 126 Australia

2. HAZARDS IDENTIFICATION

Road and Rail; Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Globally Harmonised System

Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard Categories

Eye irritation category 2

Pictogram



Name of pictogram

Exclamation

Signal Word

Warning

Hazard Statements

H319 Causes serious eye irritation

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Precautionary Statement

Prevention

P102 Keep out of reach of children

P103 Read label before use

P264 Wash hands, face and all exposed skin thoroughly after handling

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator as required.

Response

P101 If medical advice is needed, have product container or label at hand

P302+352 IF ON SKIN: Wash with soap and water

P362 Take off contaminated clothing and wash before reuse

P332+313 If skin irritation occurs: Get medical advice/attention

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313 If eye irritation persists get medical advice/attention

Disposal

P501 Dispose of in accordance with local, regional, national and international regulations

Poisons Schedule: Not Scheduled

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Sodium Hydroxide	1310-73-2	1-5%
Dodecylbenzene sulfonic acid	27176-87-0	5-10%
Diethanolamine	111-42-2	<1%
2-methyl-4-isothiazolin-3-one	2682-20-4	<0.01%
1,2-benzisothiazolin-3-one	2634-33-5	<0.01%
Ingredients determined not to be hazardous		Balance %

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Ingestion:	If swallowed, rinse mouth with water. Give a glass of water. If vomiting occurs, give further water. Contact a Poison information Centre or doctor.
Eye Contact:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15minutes.
Skin Contact:	If skin or hair contact, occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical advice.
Inhalation:	If inhaled, remove from contaminated area into fresh air. Remove contaminated clothing. Allow person to assume comfortable position, keep warm and at rest until fully recovered. If symptoms develop seek medical advice.
Medical attention and special treatment:	Treat Symptomatically.

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5. FIRE FIGHTING MEASURES

General

Flammability Conditions	Non combustible material.
Suitable Extinguishing Media:	If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
Fire and Explosion Hazards	Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.
Hazardous combustion products:	Non combustible material.
Precautions for fire fighters and special protective equipment:	Fire fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Clear area of all unprotected personnel.
Protective equipment:	Wear protective equipment to prevent skin and eye contact and the inhalation of vapour.
Emergency procedures:	Stop the source of the leak, if safe to do so. Clean up immediately. Avoid contact with eyes, skin and clothing. Avoid breathing vapour.
Environmental Precautions:	Contain – prevent runoff into drains and waterways. Cover drains if necessary.
Methods and materials for Containment and clean up:	Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in sealable container for disposal. Clean contaminated area and objects with plenty of water.

7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:	Store in a dry, clean, cool, well ventilated place away from sunlight. Store in the original, labelled container and keep container tightly closed when not in use. Store container upright and away from oxidising agents. Check regularly for leakage.
Precautions for safe handling:	Avoid contact with skin, eyes and clothing. Avoid breathing vapour/spray mist. Use only in well ventilated areas. Wear protective clothing when mixing or using. Wash hands thoroughly after use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	No workplace exposure standard has been assigned for this specific material by Safe Work Australia
Biological Monitoring	No biological monitoring required.
Engineering Controls	Ensure ventilation is adequate to ensure that air concentrations of components are controlled below listed workplace exposure standard. Keep containers closed when not in use.
Personal Protective Equipment	Personal protective equipment should only be used when other control measures (eg. Elimination, substitution, isolation and engineering controls) have been found to be impracticable or in conjunction with one or more control measures. When need wear overalls, safety glasses/chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variation in glove construction and local conditions, the user should make a final assessment. If inhalation risk exists, wear air purifying respirator meeting AS/NZS 1715 AS/NZS 1716. Wash contaminated clothing and protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Translucent green
Auto Ignition temperature:	Not applicable
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available
Initial Boiling Point:	>100°C
Melting/Freezing Point:	No Data Available
Freezing Point	No Data Available
Odour:	Lemon
Odour Threshold:	No Data Available

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Partition coefficient: n-octanol/water	No Data Available
pH:	7-7.4
Relative Density:	No Data Available
Solubility:	No Data Available
Upper Flammability Limit	No Data Available
Lower Flammability Limit:	No Data Available
Explosive limits:	No Data Available
Vapour density:	No Data Available
Vapour pressure;	No Data Available
Viscosity:	No Data Available
Biopersistence:	No Data Available
Crystallinity:	No Data Available
Dustiness:	No Data Available
Particle size:	No Data Available
Redox potential:	No Data Available
Release of invisible flammable vapours and gases	No Data Available
Saturated Vapour Concentration	No Data Available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid extremes of temperature and direct sunlight. Avoid contact with incompatible materials.
Incompatible materials:	None known
Hazardous decomposition products:	None Known
Hazardous reactions or Polymerisation:	No dangerous reaction known under conditions of normal use.

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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:

Exposure Limits:	No workplace exposure standard has been assigned for this specific material by Safe Work Australia
Ingestion:	Swallowing may result in nausea, vomiting and abdominal pain.
Eye contact:	Contact with eyes will result in irritation.
Skin contact:	Product is not expected to be absorbed through the skin.
Inhalation:	Inhalation of vapour, mists or aerosols may result in respiratory irritation.
Acute Toxicity:	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways.
Persistence and degradability	No information available
Bioaccumulative potential	No information available
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.

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 and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

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15. REGULATORY INFORMATION

Poisons Schedule: Not Scheduled
Carcinogen:

16. OTHER INFORMATION

Revision date: 29/03/2022

Reason for issue: Update SDS

Key/Legend:

< Less Than

> Greater Than

AICS Australian Inventory of Chemical Substances

atm Atmosphere

CAS Chemical Abstracts Service (Registry Number)

cm² Square Centimetres

CO₂ Carbon Dioxide

COD Chemical Oxygen Demand

deg C (°C) Degrees Celcius

g Grams

g/cm³ Grams per Cubic Centimetre

g/l Grams per Litre

HSNO Hazardous Substance and New Organism

IDLH Immediately Dangerous to Life and Health

immiscible Liquids are insoluble in each other.

inHg Inch of Mercury

inH₂O Inch of Water

K Kelvin

kg Kilogram

kg/m³ Kilograms per Cubic Metre

LC₅₀ LC stands for lethal concentration. LC₅₀ is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

LD₅₀ LD stands for Lethal Dose. LD₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

ltr or L Litre

m³ Cubic Metre

mbar Millibar

mg Milligram

mg/24H Milligrams per 24 Hours

mg/kg Milligrams per Kilogram

mg/m³ Milligrams per Cubic Metre

Misc or Miscible Liquids form one homogeneous liquid phase regardless of the amount of either component present.

mm Millimetre

mmH₂O Millimetres of Water

mPa.s Millipascals per Second

N/A Not Applicable

NIOSH National Institute for Occupational Safety and Health

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NOHSC National Occupational Health and Safety Commission^{[L][SEP]}
OECD Organisation for Economic Co-operation and Development^{[L][SEP]}
PEL Permissible Exposure Limit^{[L][SEP]}
Pa Pascal^{[L][SEP]}
ppb Parts per Billion^{[L][SEP]}
ppm Parts per Million^{[L][SEP]}
ppm/2h Parts per Million per 2 Hours^{[L][SEP]}
ppm/6h Parts per Million per 6 Hours^{[L][SEP]}
psi Pounds per Square Inch^{[L][SEP]}
R Rankine^{[L][SEP]}
RCP Reciprocal Calculation Procedure
STEL Short Term Exposure Limit
TLV Threshold Limit Value^{[L][SEP]} the Tonne^{[L][SEP]}
TWA Time Weighted Average
ug/24H Micrograms per 24 Hours
UN United Nations
wt Weight

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.