



SAFETY DATA SHEET

SDS Version Number: 2.0

SDS Version Date: 5/02/2018

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | |
|------------------------------|---|
| Product Name | UNAMAT Dishwashing Liquid 1L |
| Other Names (if applicable) | |
| Product Code | 2856 |
| Barcode Number | 22003553 |
| Recommended Use | Manual dishwashing liquid |
| Company Name | ALDI STORES (A Limited Partnership) |
| ABN | 90 196 565 019 |
| Street Address | 1 Sargents Road, MINCHINBURY, NSW 2770 |
| Telephone Number | +61 2 9675 9000 (8:30am - 5:00pm) |
| Supplier Code | 00069 |
| Other Emergency Phone Number | Australia - 13 11 26 (Poisons Information Centre) |

2. HAZARDS IDENTIFICATION


Classification of the substance or mixture

According to the WHS Regulations and the ADG Code.

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Classification: Serious Eye Damage/Irritation Category 1, Skin Corrosion/Irritation Category 2

Label elements

| | | | | |
|--------------------|--|--|--|--|
| GHS label elements |  | | | |
| Signal Word | WARNING | | | |

Hazard statement (s)

H315: Causes skin irritation

H318 Causes serious eye damage

Precautionary statement (s)

Prevention

P264: Wash hands thoroughly after handling

P280: Wear protective gloves and eye protection

Response

P302+P352: IF ON SKIN: Wash hands with plenty of soap and water

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362 + P364: Take off contaminated clothing and wash before reuse

P305+P351+P338: IF IN EYES: Rinse eyes cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

Storage and Disposal

Other hazards

None



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Substances

Mixtures

| Substances |
|------------|
|------------|



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4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (phone Australia 13 11 26) or a doctor

(For each route of exposure provide indication of medical attention and special treatment needed including description of most important symptoms, acute and delayed)

| | |
|-------------------|---|
| Inhalation | If inhaled, remove from contaminated area to fresh air. |
| Skin Contact | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Seek medical attention in event of irritation. |
| 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 15 minutes. |
| Ingestion | If swallowed, do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor. |
| Note to Physician | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| Hazards from combustion products | On combustion, may emit toxic fumes of carbon monoxide (CO), carbon dioxide (CO ₂), sulphur oxides (SO _x) and other pyrolysis products typical of burning organic material. |
| Precautions for firefighters and special protective equipment | Alert Fire Brigade and tell them location and nature of hazard. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. |
| Suitable / Unsuitable extinguishing material | Use foam, dry chemical powder and carbon dioxide. No restrictions on extinguishing media. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Emergency procedures | Clean up all spills immediately. Avoid contact with skin and eyes. Control personal contact with the substance by using protective equipment, gloves and eye protection. Caution, spills will be slippery. |
| Methods and materials for containment and clean up | Stop the flow of material and wipe up with absorbent material. Following product recovery, flush area with water. |
| Environmental precaution(s) | Prevent spillage from entering drains or water courses. |

7. HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Precautions for safe handling | Wear protective gloves and eye protection. Avoid reaction with oxidising agents. |
| Conditions for safe storage | Packaging as recommended by manufacturer. Store in original containers. Store in a cool, dry location. Keep containers securely sealed. Check all containers are labelled clearly and free from leaks. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|-------------------------------|---|
| National Exposure Standards | Not available. |
| Biological Limit Values | Not available. |
| Engineering Controls | No engineering Controls are required when handling consumer quantities. |
| Personal Protective Equipment | Wear eye protection and gloves when handling this product. |



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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|----------------------|
| Physical State | Clear viscous liquid |
| Colour | Green |
| Odour | Lemon |
| pH | 7.0-8.0 |
| Specific Gravity or Density | 1.02 |
| Vapour Pressure | Not available |
| Vapour Density | Not available |
| Percent Volatiles | 80 - 90% |
| Boiling Point Range | Not available |
| Freezing/ Melting Point | Not available |
| Solubility | Soluble in water |
| Flash Point (include method detection) | Not available |
| Flammability Limits | Not available |
| Ignition Temperature | Not available |
| Other | None |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Reactivity | Under normal storage conditions and use, hazardous reactions should not occur. |
| Chemical Stability | Product is considered stable under recommended conditions. |
| Conditions to avoid | Avoid excessive heat. |
| Incompatible Materials | Avoid reaction with oxidising agents. |
| Hazardous Decomposition Products | May evolve carbon oxides and hydrocarbons when heated to decomposition. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

Health Effects

| | | | | |
|--|---|--------|------------|----------------------------|
| Ingestion | Ingestion of anionic surfactants may produce diarrhoea, bloated stomach, and occasional vomiting. | | | |
| Eye Contact | Contact with the eyes causes severe eye irritation. Can cause discomfort, excess blood flow, and corneal clouding and swelling. Recovery may take several days. | | | |
| Skin Contact | This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition. Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Anionic surfactants can cause skin redness and pain, as well as a rash. Benisothiazolinone is a known skin sensitiser and may cause reaction in some individuals. | | | |
| Inhalation | Not thought to produce adverse health effects through inhalation, however a mild irritation may be experienced. | | | |
| Long term effects | Long-term exposure to the product is not thought to produce chronic effects adverse to the health; nevertheless exposure by all routes should be minimised during use of the product. | | | |
| Acute Toxicity/ Chronic Toxicity: (ie LD ₅₀) | Chemical | Dermal | Inhalation | Oral |
| | Benisothiazolinone | - | - | Oral (rat) LD50: 670 mg/kg |
| | Sodium Alkyl Benzene Sulphonate | - | - | Oral (rat) LD50: 404 mg/kg |



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12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical | Fish LC50 96hr | Crustacea EC50 48hr | Algae/ aquatic plants EC50 96hr | |
|---------------------------------|--|---------------------|---------------------------------|--|
| Sodium Alkyl Benzene Sulphonate | 1.67 mg/L | 0.63 mg/L | 4.29-12.5mg/L | |
| Benzothiazolinone | 1.6 mg/L | 0.062 mg/L | - | |
| Persistence and Degradability | Not Available for product mixture. | | | |
| Mobility | Not Available for product mixture. | | | |
| Other Adverse Effects | Benzothiazolinone is known to be very toxic to aquatic life. | | | |
| Bioaccumulation Potential | Not Available for product mixture. | | | |



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13. DISPOSAL CONSIDERATIONS

Disposal methods
(including container disposal)

Consult State Land Waste Authority for disposal. Bury or incinerate at an approved site. Recycle containers if possible, or dispose of in an authorised landfill.

Special precautions for landfill or incineration

Avoid discharge of remaining product to drains and water courses.

14. TRANSPORT INFORMATION

| Regulation | UN Number | Proper Shipping Name | DG Class | Packing Group | Label | Additional Information |
|------------|----------------|----------------------|----------------|----------------|----------------|------------------------|
| ADG | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |
| IMDG | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |
| IATA | None Allocated | None Allocated | None Allocated | None Allocated | None Allocated | None |

15. REGULATORY INFORMATION

Poisons Schedule
(Australia only)

Not Scheduled

APVMA Status

Not Applicable

TGA Status

Not Applicable

AICS Status

All the constituents of this product are listed on AICS.

16. OTHER INFORMATION

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Reason for issue

Classification Review

Key/Legend to Abbreviations and Acronyms used in the SDS:

Abbreviation/Acronym

Meaning

ADG

Australian Code for the Transport of Dangerous Goods by Road and Rail

AICS

Australian Inventory of Chemical Substances

APVMA

Australian Pesticides and Veterinary Medicines Authority

AQIS

Australian Quarantine and Inspection Service

AS

Australian Standard (as issued by Standards Australia)

ASCC

Australian Safety and Compensation Council

DG ERG Code

Dangerous Goods Emergency Response Guidebook Code. The Emergency Response Guidebook is used by first responders (eg firefighters, police officers and ambulance personnel) when responding to a transportation emergency involving hazardous materials.

IATA

International Air Transport Association

IMDG

International Maritime Dangerous Goods

LD₅₀The median lethal toxicological dose, LD₅₀ is an abbreviation for "Lethal Dose, 50%". of a toxic substance. This is the dose required to kill half the members of a tested population.

NOHSC

National Occupational Health and Safety Commission

SDS

Safety Data Sheet

STEL

Short Term Exposure Limit - A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.

TGA

Therapeutic Goods Administration

TLV

Threshold Limit Value - TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.

TWA

Time Weighted Average - The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

UN Number

UN numbers are four-digit numbers that identify hazardous substances, and articles (such as explosives, flammable liquids, toxic substances, etc.) in the framework of international transport.

This SDS has been prepared by the ALDI Stores product supplier from current technical data and summarises at the date of issue their 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.

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End of SDS