



SAFETY DATA SHEET

SDS Version Number: 1.0

SDS Version Date: 1/02/2018

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	TANDIL ULTRA Concentrate Dishwashing Liquid 900ml - Lemon Anti-bacterial
Other Names (if applicable)	
Product Code	58921
Barcode Number	26317397 - Lemon Anti-bacterial
Recommended Use	Manual dish washing
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/eye irritation - Category 1, Skin Corrosion/irritation - Category 2

Label elements

GHS label elements				
Signal Word	Danger			

Hazard statement (s)

H315: Causes skin irritation.

H318: Causes serious eye damage.

Precautionary statement (s)

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves and eye protection

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.

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

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

Other hazards

None



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Substances

Mixtures

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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. Seek medical attention in event of irritation.
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

	Standard Name	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3
	Ethyl alcohol; Ethanol;	1000	1880	-	-
National Exposure Standards					
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 liquid
Colour	Yellow - Lemon Anti-bacterial
Odour	Lemon
pH	3.0 - 4.0 - Lemon Anti-bacterial
Specific Gravity or Density	1.04-1.06
Vapour Pressure	Not available
Vapour Density	Not available
Percent Volatiles	67 - 69%
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 damage. 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.			
Inhalation	Not expected 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: (i.e. LD ₅₀)	Chemical	Dermal	Inhalation	Oral
	Sodium Alkyl Benzene Sulphonate	-	-	Oral (rat) LD50: 404 mg/kg
	Cocamidopropyl betaine	-	-	LD50: 2700 mg/kg (rat)



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12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical	Fish LC50 96hr	Crustacea EC50 48hr	Algae/ aquatic plants EC50 96hr	
Sodium Alkyl Benzene Sulphonate	1.67mg/L	0.63mg/L	4.29-12.5mg/L	
Cocamidopropyl betaine	1mg/L	6.5mg/L	0.55mg/L	

Persistence and Degradability

Not Available for product mixture.

Mobility

Not Available for product mixture.

Other Adverse Effects

None

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	An aqueous solution containing not more than 24% alcohol by volume is not subject to this Code.
IMDG	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated	
IATA	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated	

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

New product - 900ml variant of 53478 and equivalent SDS

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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The user should make their own determination in light of their own circumstances as to the suitability of this information and the safe conditions for the use of this product. To the extent permitted by law, ALDI Stores will not be liable for any loss, damage or expense arising from the use of this SDS, whether caused by the negligent act or omission of ALDI Stores or otherwise.

End of SDS