

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 1 of 8	Issue Number: 1	Issue Date: 11/10/2014

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOGIX Complete Dishwashing Tablets
Other Names: Lemon Fragrance
Recommended Use: For the cleaning of crockery/cutlery & kitchen utensils in a household automatic dishwasher machine.

Supplier: ALDI Stores
ABN: 90 196 565 019
Street Address: 1 Sargents Road MINCHINBURY NSW 2770
Telephone Number: +61 2 9675 9000
Facsimile Number: +61 2 9675 9299

Emergency Telephone No: 13 11 26

2. HAZARDS IDENTIFICATION

Based on available information, the material is: HAZARDOUS ACCORDING TO CRITERIA OF THE AUSTRALIAN SAFETY AND COMPENSATION COUNCIL (NOHSC)

Based on available information, the material is: NOT CLASSIFIED AS DANGEROUS GOODS ACCORDING TO AUSTRALIAN DANGEROUS GOODS (ADG) CODE

Hazard category: Xi - Irritant

Risk Phrases:
(see Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008 2004))

<u>Risk Phrase Number</u>	<u>Risk Phrase</u>
R36	Irritant - irritating to eyes

Safety Phrases:
(see Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008 2004))

<u>Safety Phrase Number</u>	<u>Safety Phrase</u>
S2	Keep out of the reach of children
S25	Avoid contact with eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S46	If swallowed, seek medical advice immediately and show this container or label

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 2 of 8	Issue Number: 1	Issue Date: 11/10/2014

3. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS No.	Proportion
Non-Hazardous Ingredients	Not Applicable	>65%
Hazardous Ingredients		
Sodium Carbonate	497-19-8	10-15%
Sodium Percarbonate	15630-89-4	10-15%
<i>Sodium Silicate</i>	1344-09-8	1-5%
Subtilisin	9014-01-1	<1%
Amylase	9000-90-2	<1%

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: Mixture is a tablet contained within a film, as such inhalation is not a likely route of exposure.

Skin Contact: Immediately wash the skin thoroughly with plenty of clean water. If redness or irritation persists, obtain medical advice.

Eye Contact: Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Remove from site of exposure. If redness or irritation persists, obtain medical advice. Protect uninjured eye.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical advice immediately. Contact a Doctor or the Poisons Information Centre (Phone Australia 131 126)

**** SHOW THIS SAFETY DATA SHEET TO A DOCTOR ****

Note to Physician: Treat symptomatically.
Prolonged or repeated exposure to the skin will lead to slight/mild irritation.
If mixture comes into contact with eyes will cause moderate irritation.
If ingested, the mixture may cause irritation of the mouth and upper digestive tract.

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 3 of 8	Issue Number: 1	Issue Date: 11/10/2014

5. FIRE FIGHTING MEASURES

Hazards from combustion products: Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

Precautions for firefighters and special protective equipment: Wear self-contained breathing apparatus and chemical protective clothing.
DO NOT USE DIRECT WATER SPRAY

Suitable extinguishing material Dry powder, foam, carbon dioxide and water mist.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Non emergency personnel
Avoid contact with eyes. Avoid skin contact. Keep all non essential personnel away from area of accidental release.
Emergency personnel
Avoid contact with eyes. Avoid skin contact. Keep all non essential personnel away from area of accidental release.

Methods and materials for containment and clean up: Incineration of disposed material is not recommended as it is unlikely to burn.
Small spills may be safely swept or shovelled up into disposal containers.
Large spills should be disposed of in accordance with local regulations. Avoid discharge of large volumes into water courses

7. HANDLING AND STORAGE

Precautions for safe handling:
(including any incompatibilities) Use only as directed.
Rinse and dry hands after use.
Do not handle with wet hands
Under normal use contact with the tablet product should not occur. If film is torn, avoid contact with eyes. Avoid repeated or prolonged contact with skin. Wash skin thoroughly if contact occurs. Keep out of the reach of children.
Do not crush or break tablet

Conditions for safe storage: Store in original container. Keep in a cool place out of the reach of children.
Avoid Extreme temperatures

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 4 of 8	Issue Number: 1	Issue Date: 11/10/2014

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:

Safe Work Australia (December 2011)

Chemical Name	CAS No.	TWA (ppm)	TWA (mg/m ³)
Sucrose	57-50-1	-	10
Titanium dioxide	13463-67-7	-	10

Biological Limit Values:

No biological limit allocated

Engineering Controls:

Keep containers closed when not in use. Avoid extreme temperatures.

Personal Protective Equipment:

None during normal use. Avoid prolonged contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Tablet with characteristic triple layer (blue, white and yellow)
Odour:	Lemon perfumed
pH:	10.5 ± 0.5 at 10% solution, at 20degC
Specific Gravity or Density:	Not applicable (tablet)
Vapour Pressure:	Not applicable (tablet)
Vapour Density:	Not applicable (tablet)
Percent Volatiles:	Not applicable (tablet)
Boiling Point Range:	Not applicable (tablet)
Freezing/ Melting Point:	Not applicable (tablet)
Solubility:	Soluble in water
Flash Point	
(include method detection):	Not Applicable (Not Flammable)
Flammability Limits:	Not Applicable (Not Flammable)
Ignition Temperature:	Not Applicable (Not Flammable)
Shelf Life:	2 years from date of manufacture (when stored as directed)
Other:	none

10. STABILITY AND REACTIVITY

Chemical Stability:

Product contains substances directly added or produced by reactions that are classified as oxidising. Stable under recommended storage and handling conditions

Conditions to avoid:

Avoid extreme temperatures and humidity. Hazardous reactions could occur if product come in to contact with reducing agents, acids and flammable substances. Avoid contact with foodstuffs.

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 5 of 8	Issue Number: 1	Issue Date: 11/10/2014

Incompatible Materials: Reducing agents, acids and flammable substances
Hazardous Decomposition Products: Fumes containing oxygen, carbon dioxide, carbon monoxide and sulphur dioxide
Hazardous Reactions: Hazardous reactions could occur if product comes in to contact with reducing agents, acids and flammable substances.

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:

HEALTH EFFECTS

Ingestion: Ingestion will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Eye Contact: A severe eye irritant. Eye contact will cause stinging, blurring and lacrimation

Skin Contact: Skin contact will result in irritation.

Inhalation: Inhalation of dust will cause irritation to the mucous membrane and upper airways.

Long term effects: Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

Acute Toxicity/ Chronic Toxicity: (ie LD₅₀) No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.

Persistence and Degradability: Surfactants are readily biodegradable to AS4351. The surfactant(s) contained in this mixture complies with biodegradability criteria as laid down in regulations (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other substances of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Mobility: Mixture is expected to be fully mobile through soil.

Other: Mixture is not expected to bio accumulate.

13. DISPOSAL CONSIDERATIONS

Disposal methods: (including container disposal) Under conditions of expected use the mixture will be disposed of at the end of its life into the normal domestic waste streams. Packaging may be disposed of in household waste landfill. Recycle packaging where facilities exist.

Special precautions for landfill or incineration: Local or regional provisions may be in force and shall be referred to.

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 6 of 8	Issue Number: 1	Issue Date: 11/10/2014

14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail.

UN Number: Not relevant

UN Proper Shipping Name: Not relevant

D.G. Class: Not relevant

Subsidiary Risk: Not relevant

Packaging Group: Not relevant

HAZCHEM Code: Not relevant

Segregation: Not relevant

Special Precautions For User: Not relevant

MARINE TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN Number: Not relevant

UN Proper Shipping Name: Not relevant

D.G. Class: Not relevant

Subsidiary Risk: Not relevant

Packaging Group: Not relevant

Stowage & Segregation: Not relevant

Special Precautions For User: Not relevant

AIR TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.

UN Number: Not relevant

UN Proper Shipping Name: Not relevant

D.G. Class: Not relevant

Subsidiary Risk: Not relevant

Packaging Group: Not relevant

Special Precautions For User: Not relevant

DG ERG Code: Not classified as dangerous goods for transport

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 7 of 8	Issue Number: 1	Issue Date: 11/10/2014

15. REGULATORY INFORMATION

Poisons Schedule:	Not Scheduled
APVMA Status:	Not relevant
TGA Status:	Not relevant
AICS Status:	All the constituents of this product are listed on AICS
AQIS Status:	Not relevant
ADG Status:	Non-dangerous good
NOHSC Status:	Hazardous
Other:	Not relevant

16. OTHER INFORMATION.

MSDS Issue date: 11th November 2014
 Issue Number: 1
 Reason for issue: New Product
 In any event, the review and, if necessary, the re-issue of this MSDS shall be no longer than 5 years after the last date of issue.

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

<u>Abbreviation</u> <u>/Acronym</u>	<u>Meaning</u>
--	----------------

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.
LD ₅₀	The median lethal toxicological dose, LD ₅₀ 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.
MSDS	Material Safety Data Sheet 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.
STEL	
TGA	Therapeutic Goods Administration 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.
TLV	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.
TWA	
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.

ALDI STORES

MATERIAL SAFETY DATA SHEET

Brand & Product Name:	LOGIX Complete Dishwashing Tablets 10 in 1 30pk 540g	
Product Code:	49115	
Page 8 of 8	Issue Number: 1	Issue Date: 11/10/2014

Literature References:

None

Sources of Data:

Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008 2004)

Dangerous Preparations Directive 1999/45/EEC

Detergents Regulations (EC) No 648/2004

Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (EC) No 1907/2006

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (UK)

This MSDS 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.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact ALDI Stores.

This MSDS may only be reproduced in full. Summaries or excerpts from this MSDS may not contain all the relevant information and thus are not permitted.

ALDI Stores gives no warranty and makes no representation as to the accuracy, reliability or completeness of the information contained in this MSDS. Please be aware that the information in this MSDS may be subject to change and may no longer be current. 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 MSDS, whether caused by the negligent act or omission of ALDI Stores or otherwise.

End of MSDS