

ALDI STORES MATERIAL SAFETY DATA SHEET

Brand & Product Name:	POWER FORCE Toilet Cleaner Bleach 12 x 700ml (64)	
Product Code:	41521	
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: POWER FORCE LEMON BLEACH TOILET CLEANER 700ML
Other Names: POWER FORCE EUCALYPTYUS BLEACH TOILET CLEANER 700ML
Recommended Use: Toilet Bowl Cleaner

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, Irritating

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

<u>Risk Phrase Number</u>	<u>Risk Phrase</u>
R21/22	Harmful in contact with skin and if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R41	Risk of serious eye damage

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 Reach of Children
S24/25	Avoid contact with skin and eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28	After contact with skin, wash immediately with plenty of water
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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3. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS No.	Proportion
Water	7732-18-5	>80%
Sodium Laureth-3 Sulphate	9004-82-4	<5%
Sodium Hypochlorite	7681-52-9	<3%
Sodium Hydroxide	1310-73-2	1%
Also contains other ingredients, surfactants, fragrances, which are not classified as hazardous.		To 100%

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. Apply artificial respiration if not breathing.
Skin Contact:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Eye Contact:	If in eyes wash out immediately with water.
Ingestion:	If swallowed, do NOT induce vomiting. Immediately give a glass of water.
Note to Physician:	If swallowed, do NOT induce vomiting.

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5. FIRE FIGHTING MEASURES

Hazards from combustion products: Not relevant

Precautions for fire-fighters and special protective equipment: Not relevant

Suitable extinguishing material: Non-flammable

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Clean up as soon as possible. Prevent spillage from entering drains or water courses.

Methods and materials for containment and clean up: Collect with absorbent materials such as sawdust or sand.

7. HANDLING AND STORAGE

Precautions for safe handling: (including any incompatibilities)
No special equipment needed for handling small quantities. For bulk, use protective gloves, eye protection, protective footwear and where needed, respiratory equipment.

Conditions for safe storage: Store below 30°C
Store in the closed original container in a cool dry place.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: Not available

Biological Limit Values: Not available

Engineering Controls: Not available

Personal Protective Equipment: Not relevant for handling small quantities. For major spills, use protective gloves, eye protection, protective footwear and where needed, respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White viscous liquid
Odour: Fragranced, with typical bleach odour
pH: 12.5 – 13.5
Specific Gravity or Density: About 1.05
Vapour Pressure: Not available
Vapour Density: Not available
Percent Volatiles: Not available
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
Shelf Life: 15 months from date of manufacture (when stored as directed)
Other: Not relevant

10. STABILITY AND REACTIVITY

Chemical Stability: Sodium Hypochlorite decomposes over time.
Conditions to avoid: Not available
Incompatible Materials: Do not mix with other detergents or chemicals
Hazardous Decomposition Products: Not available
Hazardous Reactions: May liberate chlorine fumes if reacted with other chemicals

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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:

HEALTH EFFECTS

Ingestion: May cause mild irritation in mouth and stomach
Eye Contact: Stinging may occur
Skin Contact: Irritating to the skin
Inhalation: May cause irritation to nasal membranes

Long term effects: Not available

Acute Toxicity/ Chronic Toxicity: (ie LD₅₀) Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available
Persistence and Degradability: Easily degradable
Mobility: Slightly viscous fluid
Other: Not relevant

13. DISPOSAL CONSIDERATIONS

Disposal methods: (including container disposal) Collect with absorbent materials such as sawdust or sand. Dispose with normal garbage.
Special precautions for landfill or incineration: Not relevant

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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 available

UN Proper Shipping Name: Not available

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

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15. REGULATORY INFORMATION

Poisons Schedule:	Not relevant
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:	Not relevant
NOHSC Status:	Not relevant
Other:	Not relevant

16. OTHER INFORMATION.

MSDS Issue date: 14th November 2012
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
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.

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Literature References:

Sources of Data:

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.

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End of MSDS