

SAFETY DATA SHEET

Section 1: Product and Company Identification:



SOLID MDP

Canister Machine Dishwashing Detergent

Applied Products Australia Pty Ltd

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Emergency Telephone Number: (02)4966 5516 (Monday – Friday 8:00am – 5:00pm)
Poisons Information Centre: 13 11 26
Date of SDS Preparation: 30 April 2014

Section 2: Hazard Identification

Product Name:	Solid MDP	
Risk Phrases:	C	Corrosive
	R35	Causes severe burns
	R36	Irritating to eyes
Safety Phrases:	S(1/2)	Keep locked up and out of reach of children
	S22	Do not breathe dust.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show this SDS where possible).

Section 3: Composition and Information on Ingredients

INGREDIENTS

All hazardous substances as defined by the NOHSC code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous."

CHEMICAL NAME	CAS No.	PROPORTION
Sodium Carbonate	497-19-8	10 - <30%
Sodium Hydroxide	1310-73-2	30 – 60%
Other ingredients determined not to be hazardous		30 – 60%

Section 4: First Aid

Standard Statements

- A** For advice contact a Poison Information Centre (Tel. 13 11 26) or a doctor.
- G3** If swallowed, do NOT induce vomiting.
- E2** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poison Information Centre (Tel. 13 11 26) or a doctor, or for at least 15 minutes.
- S1** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

First Aid Facilities: Normal washroom facilities with eye wash.
Advice to Doctor: Treat symptomatically.

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Section 5: Fire Fighting Measures

- Flammability:** Not flammable or combustible.
- Fire/Explosion Hazard:** Use dry chemical, foam or water fog. Do not use direct water jet. Wear full body protective clothing with self-contained breathing apparatus (SCBA) and protective gloves. Use all means available to prevent any spillage entering a watercourse.
- Hazardous Combustion Products:** None known

Section 6: Accidental Release Measures

- Spills and Disposals:** **Large Spills** - Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labeled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.
- Small Spills** – Flush away with copious amounts of water.
- Personal Protective Equipment:** Refer to Section 8 of this SDS for PPE required.

Section 7: Safe Handling Information

- Storage & Transport:** **Store and transport according to the requirements of the Australian Dangerous Goods Code for Transport.** Store in a cool place and out of direct sunlight. Store away from strong acids. Store away from possible contact with non-ferrous metals. Keep container sealed when not in use. Store locked up and out of reach of children. Only store in the original container as supplied by the manufacturer.
- Handling:** Always use recommended Personal Protective Equipment (see section 8 of this SDS). Do not mix with any other chemical unless expressly recommended by the manufacturer.

Section 8: Exposure Controls and Personal Protection

- Exposure Standards:** No exposure standards have been assigned to this product.
- Engineering Controls:** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. Do not aerosolize.
- Personal Protection Equipment:**
 Gloves and apron – Use NBR or chemical resistant elbow length gloves and apron.
 Goggles –Wear chemical goggles.
 Respiratory Protection – Not normally required when used as directed. If used in confined spaces, select and use respirators in accordance with AS/NZS 1715/1716. The use of half-face P1 (dust/mist) respirator with replaceable filters is recommended.

Section 9: Physical and Chemical Properties

- Appearance:** White powder with mild chlorine odour
- Boiling Point:** Not applicable
- Vapour Pressure:** Not applicable
- Specific Gravity:** Not applicable
- Flashpoint:** Not flammable
- Flammability Limits:** Not flammable
- Solubility in Water:** Up to 200g / litre
- OTHER PROPERTIES**
- Corrosiveness:** Corrosive to aluminium, tin and zinc.
- pH:** 14 (1% solution)

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Section 10: Stability and Reactivity

Stability:	Stable under normal conditions of use.
Hazardous Decomposition Products:	Non known.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong acids reducing agents and high heat
Conditions to avoid:	Incompatibilities.

Section 11: Toxicological Information

HEALTH EFFECTS

ACUTE

Swallowed: Will cause burns to the mouth, throat and stomach with possible effects including mucous build-up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhea.

Eye: Will cause severe irritation to the eyes with effects including: tearing, pain, corneal opacity and blurred vision.

Skin: Will cause severe burns to the skin, with effects including; redness, itching and drying/defatting.

Inhaled: Dust from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing, discomfort, breathing difficulty and shortness of breath.

CHRONIC

Skin: Prolonged or repeated skin contact may lead to dermatitis.

Eye: Prolonged eye contact may cause eye damage.

Toxicological Information: There is no toxicological information for the product **AP217 Solid MDP**.

Section 12: Ecological Information

Ecological Information: There is no ecological information for the product **AP217 Solid MDP**.

Section 13: Disposal Considerations

Disposal Methods: Recycle all plastic containers using suitable local council recycling facilities. Rinse out the container with clear water.
Avoid tipping product directly into the sewer system.

Section 14: Transport Information

AP217 Solid DMP is classified as a Dangerous Good for transport or storage.

UN Number:	1759
Dangerous Goods Class and Subsidiary Risk:	8
Packaging Group:	II
Proper Shipping Name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
Hazchem Code:	2X
Poisons Schedule No:	6

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Section 15: Regulatory Information

Poisons Scheduling: Schedule 6

Warning Statements

- 2 Corrosive.
10 May produce severe burns.
78 Attacks skin and eyes.

Safety Directions

- 3 Wear eye protection when mixing or using
5 Wear protective gloves when mixing or using
28 Do not mix with hot water

Section 16: Other Information

Contact Point: Poisons Information Centre Tel 13 11 26

Last MSDS Revision: 30 April 2014

Sources:

- National Code of Practice for the Preparation of Material Safety Data Sheet 2nd Edition [NOHSC: 2011(2003)]
- National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC:1015(2001)]
- Hazardous Substances Information System Data Base 26 July 2011
- Australian Dangerous Goods Code 6th Edition
- Standard for the Uniform Scheduling of Medicines and Poisons No.2 August 2011

Abbreviations:

ppm	-	parts per million
TLV	-	Threshold Limit Value
mmHG	-	millimetres of Mercury (Hg) – this is a unit of pressure
CAS No	.-	Chemical Abstracts Service Registry Number
TWA	-	Time Weighted Average
STEL	-	Short Term Exposure Limit
PEL	-	Permissible Exposure Limit.
< & >	-	< Less Than > Greater Than
UN	-	United Nations
AICS	-	Australian Inventory of Chemical Substances
LC50	-	Lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	-	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.

Note: This Safety Data Sheet has been compiled in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]

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End of SDS