

SAFETY DATA SHEET

Product Name: **AUTO DISH LIQUID**

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: AUTO DISH

OTHER NAMES: NONE
RECOMMENDED USE: Commercial dish machine washing detergent.
SUPPLIER NAME: JAMAC SAFE & CLEAN PTY LTD (ABN 31065 516 529)
ADDRESS: 66 LOFTUS ST, RIVERSTONE NSW 2765
EMERGENCY TELEPHONE: 02 9838 1220 OR 0438 569 315



2. HAZARDS IDENTIFICATION

HAZARDOUS Substance according to criteria of the GHS. Dangerous goods.

GHS Classification: Eye Irritation Category 1
Skin Corrosion Category 1

Hazard Statement: H314 Causes severe skin burns and eye damage
H290 May be corrosive to metals

Precautionary Statements: P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P260 Do not breath in mist or dusts
P264 Wash hands thoroughly after using
P280 Wear eye protection and protective gloves.

Response Statements: P301, P330, P331 If Swallowed: Rinse mouth. Do Not induce vomiting.
P303, P361, P353 If on Skin: Take off immediately all contaminated clothing.
Rinse skin with water.
P304, P340 Remove to fresh air and keep at rest in a position comfortable for breathing.
P305, P351, P338 If in Eyes: Rinse cautiously with water for 15 mins.
Remove contact lenses, if present and easy to do.
P310 Immediately seek medical advice.
P390 Absorb spillage to prevent material damage
P405 Store locked up.
Storage Statements:
Disposal Statements: P501 Disposal of waste through a licensed contractor or facility.

HSNO Classifications: 8.1A Substances that are corrosive to metals
8.2C Substances that are corrosive to dermal tissue
8.3A Substances that are corrosive to ocular tissue

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	CAS Number	Percentage
Sodium Hydroxide	1310-73-2	<50
Non-Hazardous		to 100

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4. FIRST AID MEASURES

Swallowed:	Immediately rinse mouth with water. Do Not induce vomiting. Seek medical attention immediately.
Eye Contact: Seek	Immediately flush eyes with plenty of water, 15 to 20 minutes, holding eyelids open. Seek medical attention immediately.
Skin Contact:	Remove all contaminated clothing. Wash affected area with plenty of water for 15 minutes. If burns occur seek medical attention immediately. Launder the clothing before reuse.
Inhalation:	Remove victim from exposure to fresh air. If feeling unwell seek medical advice.
Advice to Doctor:	Treat symptomatically. This product is high alkaline solution.

FIRST AID FACILITIES: Portable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

5. FIRE FIGHTING METHODS

Extinguishing Media

In case of fire, use appropriate media for surrounding fire.

Product is water based and is unlikely to play a contributing role in any fire. Heated product may splatter.

Special protective precautions and equipment for fire fighters

Fire fighters should wear self contained breathing apparatus and full protective clothing along with protective equipment.

Hazards from Combustion Products

No data available.

Flammability Conditions

Product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment including impervious gloves and eye protection.

Spilt material creates slippery conditions.

Environmental precautions:

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

Methods & Materials for Containment & Clean Up:

Contain spills immediately with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes and skin. Ensure eyewash and safety shower are available and ready for

Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright.

Avoid eye contact and repeated or prolonged skin contact. Do not eat, drink or smoke in contaminated areas. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

CONDITIONS FOR SAFE STORAGE:

Store in the original container, in a cool dry well-ventilated area out of sunlight and away from incompatible materials and foodstuffs. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in

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the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

Ingredient	CAS No	ES-TWA	ES-STEL
Sodium Hydroxide	1310-73-2	2mg/m ³	Not available

Biological Limit Values

Not available.

Engineering Controls:

Ensure only use in a well-ventilated area.

Personal Protective Equipment:

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.
Skin protection – Use Nitrile gloves or similar to prevent skin contact.
Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.



Hand protection: Wear Nitrile rubber gloves and avoid skin contact.

Eye/face Protection: Safety glasses or goggles should be worn to prevent eye contact.

Engineering measures: Use only in well ventilated area.

Biological Limit Values: Not available

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Liquid.

Colour: Clear

pH: Approximately 14

Boiling point/range: > 100 Celsius

Melting point/range: Not determined

Flash point: Non-combustible

Freezing point: Approx. 100

Upper flammability limit: Not applicable

Vapour pressure: Not established

Relative vapour density: Not established

Water solubility: Miscible with water at all proportions

Relative density: 1.23

Flammability: Not available.

Freezing point: Not available.

Autoignition temperature: Not available.

Evaporation rate: Not established

Viscosity: Approximate 55cPs

10. STABILITY AND REACTIVITY

Chemical stability: The product is stable under normal conditions of use and when stored as recommended.

Hazardous reactions: Not known.

Incompatible conditions: Incompatible with aluminium, tin, zinc, magnesium. Also incompatible with acid, chlorinating compounds, brominated compounds and nitrated hydrocarbons.

Hazardous decomposition products: The packaging material may burn to emit noxious fumes.

11. TOXICOLOGICAL INFORMATION

No data is available for this material

Toxicity Data: For Sodium Hydroxide LD50 40mg/kg (intraperitoneal, mouse)

Health Effects – Acute

Swallowed: May cause severe burns of mouth, throat, and stomach.

Eye: May burn and cause severe eye damage.

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Skin: Product causes irritation and burns to your skin.

Inhaled: Inhalation of mist may cause irritation.

Health Effects-Chronic

Swallowed Not known

Eye Permanent damage may occur.

Skin Repeat contact may cause dermatitis.

Inhalation May cause moderate respiratory damage.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not available

PERSISTENCE AND DEGRADABILITY: Surfactants are readily biodegradable to AS4351.

MOBILITY: No information available.

OTHER: None.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION:

The product is suitable for disposal by landfill through an approved agent. Incineration of the product is not recommended.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT: Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN NUMBER: 1823

UN PROPER SHIPPING NAME: CAUSTIC ALKALI LIQUID

CLASS AND SUBSIDIARY RISK(S): 8-CORROSIVE

PACKAGING GROUP: II

HAZCHEM CODE: 2R

HAZCHEM CODE: NONE

15. REGULATORY INFORMATION

SUSDP Poisons Schedule: Not available.

Licensing Requirements: No applicable licensing requirements.

Industrial Chemicals Act 1989: All ingredients are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

GENERAL INFORMATION: None.

SDS ISSUE DATE JANUARY 2024

END OF SDS