

SAFETY DATA SHEET



MACHINE DISHWASH LIQUID

Catalogue number: 17695, 17904

Version No: 1.1

Issue date: 01/09/2024

Safety Data Sheet according to WHS and ADG requirements.

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	MACHINE DISHWASH LIQUID
Synonyms	17695, 17904
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	For Automatic dishwashers
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Details of the manufacturer/importer

Registered company name	VERIDIA Australia Pty Ltd
Address	10 Voyager Circuit, Glendenning, NSW, 2761.
Telephone	1300 228 222
Website	www.veridia.com.au
Email	we.care@veridia.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the criteria of Safe Work Australia GHS 7

Poisons Schedule	Not Applicable
GHS Classification	Serious Eye Damage / Irritation – Category 1 Sensitisation – Skin – Category 1A

Label elements.

Hazard pictograms	A red diamond-shaped pictogram with a white background, showing two hands being corroded by liquid dripping from a test tube. This is the GHS pictogram for Corrosive (C).
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SIGNAL WORD	DANGER
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Hazard statement(s)

H317	May cause an allergic skin reaction..
H318	Causes serious eye damage.

Precautionary statement(s) Prevention

P101+ P102+P103	If Medical advice is needed, have product container or label at hand. Keep out of reach of Children. Read Label before use.
P261	Avoid breathing fume, gas, mist, vapours, or spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator.

Precautionary statement(s) Response

P301+P310+P330+P331	IF SWALLOWED: Immediately call a poison centre or doctor/physician. Rinse mouth. Do NOT induce vomiting.
P302+P352+P303+P361+P353	IF ON SKIN (or Hair): Wash with plenty of soap & water. Remove / take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER / Doctor.

Precautionary statement(s) Storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local government regulations.
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POISON SCHEDULE: S5. Caution

Emergency Overview

Physical Description & Colour	Orange liquid
Odour	Alkaline smell

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures.

Mixtures

Ingredients	CAS No	Conc (%)	TWA (mg/m3)	STEL (mg/m3)
Sodium Hydroxide	1310-73-2	10-30%	-	-
Phosphonates	unspecified	1-10%	-	-
Water	7732-18-5	Balance	-	-

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 FIRST AID MEASURES

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned, or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Description of first aid measures

Eye Contact	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
Skin Contact	Effects may be delayed. This material, or a component of the material, can be absorbed through the skin with resultant toxic effects. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters.
Inhalation	Effects may be delayed. Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.

SECTION 5 FIREFIGHTING MEASURES

Hazchem Code: 2R

Extinguishing media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
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Special hazards arising from the substrate or mixture.

Fire incompatibility	Non-combustible material.
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Advice for firefighters

Fire Fighting	Not combustible, may release CO2.
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SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Immediately call the Fire Brigade. As a minimum, wear overalls, goggles, and gloves. No special recommendations for clothing materials. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Stop leak if safe to do so and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material.

If spill is too large or if absorbent material is not available, try to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable containers	Store in a cool (below 30°C), well ventilated area. Protect from direct sunlight. Make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.
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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Exposure limits (provided in section 3) have been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling diluted quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Exposure controls

Ventilation	This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.
Eye and face protection	Eye protection such as protective glasses or goggles is recommended when this product is being used.
Skin Protection	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when lengthy skin contact is likely.
Protective Material Types	Rubber boots, Overalls, gloves, apron, air-mask, or respirator of approved standards.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Orange Liquid		
Physical state	Liquid	Relative density (Water = 1)	No data
Odour	Alkaline smell	Partition coefficient n-octanol / water	No data
Odour threshold	No data	Auto-ignition temperature (°C)	No data
pH (as supplied)	14.0	Decomposition temperature	No data
Melting point / freezing point (°C)	No data	Viscosity (cSt)	No data
Initial boiling point and boiling range (°C)	>80 Deg C	Molecular weight (g/mol)	No data
Flash point (°C)	No data	Taste	No data
Evaporation rate	No data	Explosive properties	No data
Flammability	No data	Oxidising properties	No data
Upper Explosive Limit (%)	No data	Surface Tension (dyn/cm or mN/m)	No data
Lower Explosive Limit(%)	No data	Volatile Component (%vol)	No data
Vapour pressure (kPa)	No data	Gas group	No data
Solubility in water (g/L)	Dispensed liquid is soluble.	pH as a solution	No data
Vapour density (Air = 1)	>1	VOC g/L	No data

SECTION 10 STABILITY AND REACTIVITY

Reactivity	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.
Conditions to avoid	Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.
Incompatible materials	Strong acids, strong bases, oxidising agents.
Polymerisation	Not known.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicological effects of ingredients

Proprietary perfume	Acute toxicity	Low toxicity in animals - LD50 Oral (rat): 2000mg/kg LC50 Inhalation (rat, 6h) : 5900mg/m3
	Skin corrosion/irritation	Causes severe skin burns and eye damage.
	Respiratory/skin sensitization	Expected to be a sensitiser.
	Germ cell mutagenicity	Not expected to be mutagenic.
	Carcinogenicity	Not expected to be carcinogenic.
	Reproductive toxicity	Not expected to impair fertility.
	STOT (single exposure)	Based on available data, the classification criteria are not met.
	STOT (repeated exposure)	Based on available data, the classification criteria are not met.
	Aspiration toxicity	Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

The product has not been tested.

Acute toxicity: Large discharge may be hazardous for acute aquatic exposure..

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	Biodegradable	No Data available for all ingredients

Bio accumulative potential

Ingredient	Bioaccumulation
	Not expected to bioaccumulate significantly.


Mobility in soil

Ingredient	Mobility
	Miscible with water.

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / Packaging disposal	Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. Ensure waste disposal conforms to local waste disposal regulations.
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SECTION 14 TRANSPORT INFORMATION**Labels Required**

	
Marine Pollutant	NO
HAZCHEM	2R

Land transport (ADG)

UN number	1824				
Packing group	II				
UN proper shipping name	Sodium Hydroxide Solution				
Environmental hazard	No relevant data				
Transport hazard class(es)	<table><tr><td>Class</td><td>8</td></tr><tr><td>Sub risk</td><td>Not Applicable</td></tr></table>	Class	8	Sub risk	Not Applicable
Class	8				
Sub risk	Not Applicable				
Special precautions for user					

SECTION 15 REGULATORY INFORMATION

AICS/AIC: All the significant ingredients in this formulation are compliant with AICS/AIC regulations.

SECTION 16 OTHER INFORMATION**Revision Schedule**

Revision Date	01/09/2028
Initial Date	01/09/2024

SDS Version Summary

Version	Issue Date	Sections Updated
1.1	01/09/2024	Initial Issue

Other information**DISCLAIMER:**

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Veridia Australia Pty Ltd cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Veridia Australia Pty Ltd on 1300 228 222.

Please read all labels carefully before using product.

Definitions and abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS/AIIC	Australian Inventory of Industrial Chemicals
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified.
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

End of SDS

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