

Safety Data Sheet

RINSE AID

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1. Identification

GHS Product identifier Rinse Aid
Company Name Blue Lion Supplies Pty. Ltd.
Address Fact. 3, 29 Barry Street, BAYSWATER, VIC 3153
Telephone (03) 9720 1577
Fax Number (03) 9720 1799
Contact Jim Gillman
Recommended use of the chemical and restrictions on use Rinse aid for automatic dishwashing machines
Other Names None
Other Information Emergency contact: Mobile: 0412 646 246

2. Hazard Identification

**NOT classified as hazardous according to the criteria of Worksafe Australia.
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.**

GHS classification of the substance/mixture None allocated
Signal Word (s) None
Hazard Statement(s) None
Pictogram (s) None

3. Composition/information on ingredients

Chemical Characterization Aqueous blend of surfactants.

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
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There are no hazardous components to declare in this product
KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

Non hazardous proprietary ingredients to 100%

4. First-aid measures

Ingestion: Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Skin: Wash off with soap and plenty of water. Consult a physician.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities Maintain eyewash fountain and safety shower in work area.
Advice to Doctor Treat symptomatically. Consult Poisons Information Centre
Other Information For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Suitable extinguishing media Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.

Specific hazards arising

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from the chemical There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.

Precautions in connection with fire Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental release measures

Personal Precautions Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Personal Protection Wear protective clothing specified for normal operations (see Section 8)

Clean-up Methods- Small Spillages Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.

Large Spillages Seek expert advice on handling and disposal.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

7. Handling and storage

Precautions for Safe Handling Product is safe to handle under normal conditions of use.

Conditions for safe storage Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible products None known

Incompatible materials None known

8. Exposure controls/personal protection

Occupational exposure limit values

<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	

There are no occupational exposure limits set for this product or components in this product.

Appropriate engineering controls In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

Personal Protective Equipment Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

Respiratory Protection Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-face piece SCBA should be used. If respiratory protection is required; institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

Eye Protection The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

Hand Protection Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Recommendation: Nitrile rubber gloves.

Footwear Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Body Protection Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

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Hygiene Measures Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

9. Physical and chemical properties

Appearance	Clear blue liquid
Odour	Characteristic alcohol
Melting Point	~0 °C
Boiling Point	Not determined
Flash point	Not determined
Vapour Pressure	Not determined
Solubility	Soluble in water in all proportions.
Specific Gravity	0.95 g/cm ³ @ 20 °C
pH	6.5 – 7.5 as supplied
Viscosity	~60 cPs @ 20 °C
Percent volatile	> 80 %
Flammability limits	Not determined

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	No special conditions. Refer to storage conditions in Section 7.
Incompatible Materials	None known.
Hazardous Decomposition products	Carbon monoxide and carbon dioxide. May release flammable gases.
Possibility of hazardous reactions	Not determined.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute toxicity	Harmful if swallowed.
Ethanol	LD50 oral rat 10740 mg/kg (Rat; Experimental value) LD50 dermal rabbit > 16000 mg/kg (Rabbit)
Health effects from the likely routes of exposure:	
Inhalation	Not expected under normal conditions of use. Vapours may cause respiratory irritation.
Skin	Not expected to cause irritation.
Eye	May cause slight irritation/discomfort.
Ingestion	May result in irritation to the gastrointestinal tract.
Target Organs	There is no data to hand indicating any particular health effects on target organs.

12. Ecological information

Ecotoxicity	No data available.
Persistence and degradability	No data available.

Major ingredients are biodegradable and will not accumulate in soil or water or cause long term problems.

13. Disposal considerations

Disposal Considerations Avoid release of product to the environment. Product and containers not suitable for landfill. Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycling company. If this is not practical, send to a commercial waste disposal site. Check with Waste Disposal Authority before sending for recycling.

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14. Transport information

U.N. Number None allocated
UN proper shipping name None allocated
Transport hazard class(es) None allocated
Hazchem Code None allocated
Packing Group None allocated

15. Regulatory information

Regulatory Information Ingredients listed in the Australian Inventory of Chemical Substances (AICS).

Poisons Schedule None allocated.

16. Other Information

Date of preparation or last revision of SDS 18/07/18

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.