

Safety Data Sheet

WOOLWASH

ISSUE DATE: 07/07/2015

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1. Identification

GHS Product identifier Woolwash
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 A pH neutral, phosphate free detergent for washing woollen fabric and garments.
Other Names None
Other Information Emergency contact: Mobile: 0412 646 246

2. Hazard Identification

**NOT classified as hazardous according to the criteria of Safework 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>
Hexylene glycol	107-41-5	LOW	Xi	R36/38 Irritating to eyes and skin

KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

4. First-aid measures

Ingestion: Rinse mouth with water. 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 from the chemical Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Precautions in connection with fire Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

Issued by Blue Lion Supplies Pty. Ltd.

ABN 65 099 391 572

Revision No. 1

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6. Accidental release measures

Personal Precautions	Use personal protective equipment; irritating to eyes and skin. 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	Slippery when spilt. Minor Contain and absorb spills using an inert absorbent material (soil, sand or vermiculite) or mop-up small spills. Pick up with shovel and place in clean, labeled receptacle for disposal. Wash area thoroughly with a detergent solution and rinse well with water. Small 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	Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements. Store away from oxidising agents. 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 Incompatible materials	Store away from oxidising agents. 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>	
Hexylene glycol			25	121	Peak limitation

No Exposure Standards assigned to other constituents.

Peak Limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

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. Avoid skin contact and inhalation of vapour, wear safety equipment outlined below.
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.
Hand Protection	Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. 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.

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Footwear	Recommendation: Nitrile rubber gloves. 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.
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	Light amber liquid
Odour	Eucalyptus
Melting Point	Not applicable
Boiling Point	~ 100 °C
Flash point	Not determined
Vapour Pressure	Not determined
Solubility	Miscible in water
Specific Gravity	1.0 g/cm ³ @ 20 °C
pH	6.5 – 7.5 (as supplied)
Percent volatile	61.6 %
Flammability	Non flammable

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Store away from oxidising agents.
Hazardous Decomposition products	Not available.
Possibility of hazardous reactions	Not expected to occur.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute toxicity

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Ingestion	No adverse effects expected, however large amounts may cause nausea and vomiting.
Eye contact	May be an eye irritant.
Skin contact	Contact with the skin may result in irritation. Will have a degreasing action on the skin.
Inhalation:	Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Long term effects No information available for product.

No LD50 data available for product.

CHRONIC EFFECTS No information available for product.

12. Ecological information

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

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13. Disposal considerations

Disposal Considerations Avoid release of product to the environment. Collect spilled product in plastic container or bag-off before disposing through normal commercial refuse system or at a waste landfill. Consult local council dumps, licensed waste management contractors or the manufacturer for proper disposal method in your area. 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 site before sending for recycling.

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

Road and Rail Transport Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Marine Transport Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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 7 July 2015

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.