

Safety Data Sheet

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SPRAY & WIPE



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1. Identification

GHS Product identifier	Spray & Wipe
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	Concentrated general purpose cleaner Spray & Wipe is a concentrated multi-purpose liquid cleaner. Completely soluble in water, will remove grease and grime from floors, painted walls, and ceilings, enameled surfaces, vinyl upholstery, terrazzo, porcelain, stainless steel and glass. Spray & Wipe contains a surfactant, with exceptional detergency and alcohol, capable of covering a wide range of general soil removal problems. Apply by mop, sponge, absorbent clean cloth or by spray and wipe method. Dilutions (parts product: parts water) for various applications. Floor cleaning 1:30 (scrubbing), mopping (1:50 to 1:80), all purpose cleaning (1:10 to 1:100), car and truck washing (1:30), pressure washing (1:50).
Other Names	None
Other Information	Emergency contact: Mobile: 0412 646 246

2. Hazard Identification

Classified as hazardous according to the criteria of Worksafe Australia.

GHS classification of the substance/mixture	Flammable liquids Category 3 Skin irritation Category 2 Eye irritation Category 2B	
Signal Word (s)	DANGER WARNING	 
Hazard Statement(s)	H226 Flammable liquid and vapour H315 + H320 Causes skin and eye irritation	
Risk Phrases	R10 Flammable.	
Pictogram (s)	GHS02, GHS07	
Precautionary statement - Prevention	P234 Keep only in original container. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.	
Response	P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P337 + P313 If eye irritation persists: Get medical attention. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.	
Storage Disposal	P403 + P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container to an approved waste disposal plant.	

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3. Composition/information on ingredients

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Ethanol	64-17-5	MED	F	R10

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

There are no other hazardous ingredients at concentrations that have to be declared.

4. First-aid measures

Swallowed	Swallowing can result in irritating mouth, oesophagus and stomach. Headaches and nausea possible.
Eye	In the concentrated form may be an eye irritant. Inflammation of the eye tissue is characterised by redness, watering and/or itching. Repeated eye exposure may produce chronic inflammation of the eye or corneal damage.
Skin	In the concentrated form, prolonged skin contact without rinsing may irritate skin upon contact. Skin inflammation is characterized by itching, scaling or reddening.
Inhaled	Not normally an inhalation risk due to low vapour pressure at ambient temperatures, and the unlikelihood of forming spray mists. Prolonged exposure effects are not known.
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	When subject to high heat may produce water vapour, and fumes containing oxides of sulphur, carbon monoxide and carbon dioxide.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. Keep containers cool by spraying with water to prevent pressure build up and drums bursting.

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	Store away from strong oxidising compounds.
Incompatible materials	None known

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8. Exposure controls/personal protection

Occupational exposure limit values

<u>Hazardous ingredient</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
Ethanol			1880	1000	

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.

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.

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 and 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 and Odour Clear red thin liquid with little odour.

Boiling Point/

Melting Point (°C) Not Available

Vapour Pressure Not Available

Percent Volatile by volume 60 - 65

Specific Gravity approx. 0.95 g/cm³

pH (concentrate) 6.5 - 7.5

Solubility in water Complete

Other Data None

10. Stability and reactivity

Chemical Stability Stable under normal conditions of use.

Conditions to Avoid Avoid excessive exposure to heat.

Incompatible Materials Store away from strong oxidising compounds.

Hazardous Decomposition products When subject to high heat may produce water vapour, and fumes containing oxides of sulphur, carbon monoxide and carbon dioxide.

Possibility of hazardous reactions Not determined.

Hazardous Polymerization Will not occur.

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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	May cause irritation/discomfort.
Eye	May cause irritation/discomfort.
Target Organs	There is no data to hand indicating any particular health effects on target
Ingestion	May result in irritation to the gastrointestinal tract. organs.

12. Ecological information

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Toxicity to fish	
Ethanol	LC50 fishes 1 14200 mg/l (96 h; Pimephales promelas; Nominal concentration) EC50 Daphnia 1 9300 mg/l (48 h; Daphnia magna) LC50 fish 2 13000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss) EC50 Daphnia 2 10800 mg/l (24 h; Daphnia magna) Threshold limit other aquatic organisms 1 : 65 mg/l (72 h; Protozoa) Threshold limit algae 1 : 1450 mg/l (192 h; Microcystis aeruginosa; Growth rate) Threshold limit algae 2: 5000 mg/l (168 h; Scenedesmus quadricauda; Growth rate)

13. Disposal considerations

Disposal Considerations	Small quantities may be flushed down the sink or toilet. Otherwise, place in plastic container prior to disposing through normal commercial refuse system. Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
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14. Transport information

Not considered a Dangerous Good for land, sea and air transport.

LAND (ADG): Aqueous solutions containing less than 24% alcohol by volume are not subject to the ADG Code (Special Provision No. 144).
SEA (IMDG Code): Aqueous solutions containing less than 24% alcohol by volume are not subject to the IMDG Code (Special Provision No. 144).
AIR (ICAO/IATA): Aqueous solutions containing less than 24% alcohol by volume are not subject to the IATA Code (Special Provision No. A58).

15. Regulatory information

Regulatory Information	Ingredients listed in the Australian Inventory of Chemical Substances (AICS).
Poisons Schedule	None allocated.

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16. Other Information

**Date of preparation or last
revision of SDS** 13 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.*