

Safety Data Sheet

ISSUE DATE: 19/05/2015

ECONOMY HEAVY DUTY CLEANER

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1. Identification

GHS Product identifier Economy Heavy Duty Cleaner
Company Name Blue Lion Supplies Pty. Ltd.
Address Fact. 9, 11 Havelock Road, BAYSWATER, VIC 3153
Telephone (03) 9720 1577
Fax Number (03) 9720 1799
Contact Jim Gillman
Recommended use of the chemical and restrictions on use Multi purpose cleaner
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 proprietary surfactants and alkalis.

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
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KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

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

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

Hazards from Combustion products This product is likely to decompose only when heated to dryness. Complete decomposition is likely to release carbon dioxide; incomplete combustion is likely to release carbon monoxide and smoke.
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.

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Specific hazards arising 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

Name	STEL		TWA		Footnote
	mg/m3	ppm	mg/m3	ppm	

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 orange liquid
Odour	Peppermint
Melting Point	~0 °C
Boiling Point	~ 100 °C
Flash point	Not applicable
Vapour Pressure	~ 2 kPa at 20°C (water vapour pressure)
Solubility	Soluble in water in all proportions.
Specific Gravity	1.0 g/cm ³ @ 20 °C
pH	12 – 12.5 as supplied
Viscosity	<100 cPs @ 20 °C
Percent volatile	> 90 %
Flammability	Non flammable

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	Not determined
Possibility of hazardous reactions	Not determined.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute toxicity	Health effects from the likely routes of exposure:
Inhalation	Not expected to 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	19 May 2015
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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.