

Safety Data Sheet

STRIKEBACK

ISSUE DATE: 20/07/18

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1. Identification

GHS Product identifier Strikeback
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 Toilet and urinal cleaner
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 substance Skin Irritation Category 2
Eye irritation Category 2A

Signal Word (s) WARNING

Hazard Statement(s) H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
Xi Irritant

Pictogram (s) GHS07

Risk Phrases R36/38 Irritating to eyes and skin.

Precautionary statements

Prevention

P260 - Do not breathe mist, vapours, spray
P264 - Wash exposed skin thoroughly after handling
P280 - Wear protective gloves, protective clothing, eye protection, face protection

Response

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P405 Store locked up

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.



3. Composition/information on ingredients

Chemical Characterization Aqueous blend of acids, proprietary surfactants, quaternary ammonium compound, dye and fragrance

<u>Hazardous ingredients</u>	<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
	Sulphamic acid	5329-14-6	MED	Xi	R36/38
	Phosphoric Acid	7664-38-2	LOW	Xi	R36/38

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

Non hazardous proprietary ingredients to 100%

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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).
Specific hazards arising from the chemical	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	Keep direct skin contact by this product to a minimum when handling concentrated solutions. Wear protective gloves. If there is a significant chance that mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. 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.
Risk Phrases	R36/38 Irritating to eyes and skin.
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	Alkalis
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>	
Phosphoric Acid	3		1		

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.

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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 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	Thick Blue liquid
Odour	Characteristic (Wintergreen)
Melting Point	~0 °C
Boiling Point	~ 100 °C
Flash point	Not applicable
Vapour Pressure	Not determined
Solubility	Soluble in water in all proportions.
Specific Gravity	1.0 g/cm ³ @ 20 °C
pH	1.0 – 2.0 (as supplied)
Viscosity	Not determined
Percent volatile	> 85 %
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	Contact with alkalis.
Hazardous Decomposition 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.
Possibility of hazardous reactions	Not expected to occur.
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 under normal conditions of use. Respiratory irritation may result if an aerosol is generated.
Skin	Irritating to skin.
Eye	Irritating to eyes.

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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

The following applies to

Sulphamic acid

LD50: Oral - Rat - 3160 mg/kg

Distribution: log p(o/w): -4.34 (calculated). No bioaccumulation is to be expected (log P(o/w) <1).

Biological effects

Harmful effect on aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Harmful effect due to pH shift.

The following applies to

phosphoric acid

Persistence and

degradability

Biodegradability: not applicable. No (test) data on mobility of the components of the mixture available.

Biochemical oxygen demand

(BOD)

Not applicable

Bioaccumulative potential

Not bioaccumulative.

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.

14. Transport information

U.N. Number None allocated
UN proper shipping name None allocated
Transport hazard class(es) None allocated. Not classified as a Dangerous Good.
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** 20/07/18

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.