

Safety Data Sheet

ISSUE DATE: 20/07/18

SILVERDIP

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1. Identification

GHS Product identifier	Silverdip
Company Name	Blue Lion Supplies Pty. Ltd.
Address	Fact. 3, 29 Barry Street, Bayswater, VICTORIA 3153
Telephone	(03) 9720 1577
Fax Number	(03) 9720 1799
Contact	Jim Gillman
Recommended use of the chemical and restrictions on use	Designed to remove tarnished silver by dipping in the solution. Remove food particles, grease, fats from silverware before immersing in the undiluted Silverdip solution. It will remove tarnished silver in a few minutes. Extra time should be spent to heavily contaminated surfaces. Items should then be rinsed thoroughly with water and dried with clean cloth.
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
Risk Phrases	None
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. 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	P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal	P501 Dispose of contents/ container to an approved waste disposal plant.

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>
Phosphoric acid	7664-38-2	LOW		

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

Non hazardous 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 as for highly acidic materials. 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	Non-flammable, non-combustible. No specific fire hazards associated with product. No specific ventilation, earthing or flame proofing requirements.
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	Avoid contact with skin and eyes.
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	Keep out of reach of children. Product is a Scheduled Poison (S5) and must be stored in accordance with relevant State Poisons Act. Not classified under the Transportation of Dangerous Goods Code. Ensure containers are correctly labeled and securely sealed and stowed.
Incompatible products	Store away from strong alkalis, hypochlorites and oxidising agents.
Incompatible materials	None known

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>	
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.
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

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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, thin liquid with a mild sour odour.
Boiling Point (°C)	100
Vapour Pressure	Not Available
% Volatile by volume	90 - 95
Specific Gravity	Approx. 1.05g/cm ³
pH (concentrate)	1.0 - 1.5
Solubility in water	Complete
Flash Point (°C)	None, Non-flammable

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 alkalis, hypochlorites and oxidising agents
Hazardous Decomposition products	When subject to high heat may decompose to form water vapour, carbon monoxide, carbon dioxide and other unidentified organic compounds.
Possibility of hazardous reactions	Not determined.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

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:

ACUTE EFFECTS

Swallowed	Swallowing can result in irritating mouth, oesophagus and stomach. Headaches and nausea possible.
Eye	In the concentrated form is an irritant to eyes and mucous membranes. Inflammation of the eye tissue is characterised by redness, watering and/or itching. Repeated or prolonged eye exposure may produce chronic inflammation or eye tissue 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.

CHRONIC EFFECTS No information available for product.

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12. Ecological information

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

13. Disposal considerations

Disposal Considerations Reuse reclaimed material if possible. Carefully add to water and greatly dilute, or neutralise with dilute alkali and flush to drain with copious amount of water. 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.

14. Transport information

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

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.