



MATERIAL SAFETY DATA SHEET

15 April 2016

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS

Company: *Luna Machinery*
Address: QLD: 122 Nambucca cres Pimpama QLD 4209.
NSW: U5/24 Garling Road, Kings Park NSW 2614
Telephone Number: QLD: (07) 5547 6122
NSW: (02) 9767 2114
Emergency Telephone Number: *None Available*
E-Mail: enquiries@lunamachinery.com.au

IDENTIFICATION

Product Name: **Lunasol Ultra**
Other Names: *None allocated*
Manufacturer's Product Code: *None allocated*
UN Number: *None allocated*
Dangerous Goods Class and Subsidiary Risk: *None allocated*
Hazchem Code: *None allocated*
Poisons Schedule Number: *None allocated*
Use: *A water based synthetic metalworking coolant*

Physical Description/Properties

Appearance: *Undiluted - Violet-red Thick Liquid
Diluted - Light Yellow watery Liquid*
Boiling Point (°C): *As Water*
Vapour Pressure (pascals or mm of Hg at 25°C): *As Water*
Specific Gravity: *1.0 Kg/L*
Flash Point (°C): *None*
Flammability Limits (%): *LFL & UFL Not Determined*
Solubility in Water (g/L): *Completely Misable*

Other Properties:

pH (100% Concentration): 8.9 (slightly alkaline)
pH (10% Concentration): 8.9
pH (5% Concentration): 8.8
Freezing Point (°C): 0

Ingredients

<u>Chemical Entity:</u>	<u>CAS Number:</u>	<u>Proportion:</u>
<i>water</i>	[7732-18-5]	30 - 60%
<i>tall oil fatty acid</i>		10 - <30%
<i>hexylene glycol</i>	[107-41-5]	<10%
<i>sodium sulphonate soap</i>		<10%
<i>polymerised fatty esters</i>		<10%
<i>poly siloxane emulsion</i>		<10%
<i>mercaptobenzothiazole</i>	[149-30-4]	<10%
<i>colour dyes</i>		<10%
<i>perfume</i>		<10%

HEALTH HAZARD INFORMATION

Health Effects

Acute

Swallowed:

May cause nausea and vomiting.

Eye:

Irritates the eyes and may cause redness.

Skin:

Prolonged or repeated exposure to the stock solution may cause mild skin irritation in sensitive skin

Inhaled:

Vapours may be released if stock solution of this product, as supplied, is heated above room temperature. The vapours may be irritation to respiratory passages and should be avoided.

Chronic

First Aid

Swallowed:

If the victim has ingested the stock solution, administer large amounts of water and consider medical treatment

Eye:

Irrigate with flowing water immediately for at least 15 minutes. Consult medical assistance.

Skin:

Wash off stock solution residues with running water. Remove contaminated clothing and wash thoroughly before re-use.

Inhaled:

If effects occur, remove to fresh air. Consult medical authorities. In vapour situations, use eye protection

First Aid Facilities:

Eye Wash Station

Advice to Doctor:

PRECAUTIONS FOR USE

Exposure Standards:

Threshold Limit Value (TLV): Not available

Engineering Controls:

Normal ventilation is considered to be adequate.

Personal Protection:

Use good industrial hygiene and avoid all unnecessary contact.

Glove Type:

PVC or Nitrile, if required.

Eye Protection:

Wear suitable eye protection. May generate mists.

Flammability:

Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport:	<i>Store in cool well ventilated area. Transport as non-dangerous goods. Store away from foodstuff and oxidising agents.</i>
Spills and Disposal:	<i>Collect spilled liquids into a suitable container and wash the affected area to drain with excess water. Dispose of in accordance with Federal, State and Local requirements.</i>
Fire/Explosion Hazard:	<i>Not relevant.</i>

OTHER INFORMATION

CONTACT POINT

*Technical Manager (business hours)
Luna Machinery 1300 736 556*

Poisons Information Centre (24 hours) 131126

Note: This form has been prepared in accordance with WORKSAFE AUSTRALIA NATIONAL CODE OF PRACTICE FOR THE PREPARATION OF MATERIAL SAFETY DATA SHEETS [NOHSC:2011 (1994)] issued by the NATIONAL OCCUPATION HEALTH AND SAFETY COMMISSION MARCH 1994.

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