

Date of issue March 2007

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS

Company: Luna Machinery
Address: Unit 40/317-321 Woodpark Rd Smithfield NSW 2164
Telephone Number: (02) 9757 2633
Emergency Telephone Number: None Available
Fax Number: (02) 9757 2634
E-Mail: sales@lunamac.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: Violet-blue Thick 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>	<i>[7732-18-5]</i>	<i>30 - 60%</i>
<i>tall oil fatty acid</i>		<i>10 - <30%</i>
<i>hexylene glycol</i>	<i>[107-41-5]</i>	<i><10%</i>
<i>sodium sulphonate soap</i>		<i><10%</i>
<i>polymerised fatty esters</i>		<i><10%</i>
<i>poly siloxane emulsion</i>		<i><10%</i>
<i>mercaptobenzothiazole</i>	<i>[149-30-4]</i>	<i><10%</i>
<i>colour dyes</i>		<i><10%</i>
<i>perfume</i>		<i><10%</i>

HEALTH HAZARD INFORMATION

Health Effects

Acute

Swallowed:	<i>May cause nausea and vomiting.</i>
Eye:	<i>Irritates the eyes and may cause redness.</i>
Skin:	<i>Prolonged or repeated exposure to the stock solution may cause mild skin irritation in sensitive skin</i>
Inhaled:	<i>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.</i>

Chronic

First Aid

Swallowed:	<i>If the victim has ingested the stock solution, administer large amounts of water and consider medical treatment</i>
Eye:	<i>Irrigate with flowing water immediately for at least 15 minutes. Consult medical assistance.</i>
Skin:	<i>Wash off stock solution residues with running water. Remove contaminated clothing and wash thoroughly before re-use.</i>
Inhaled:	<i>If effects occur, remove to fresh air. Consult medical authorities. In vapour situations, use eye protection</i>
First Aid Facilities:	<i>Eye Wash Station</i>

Advice to Doctor:

PRECAUTIONS FOR USE

Exposure Standards:	<i>Threshold Limit Value (TLV): Not available</i>
Engineering Controls:	<i>Normal ventilation is considered to be adequate.</i>
Personal Protection:	<i>Use good industrial hygiene and avoid all unnecessary contact.</i>
Glove Type:	<i>PVC or Nitrile, if required.</i>
Eye Protection:	<i>Wear suitable eye protection. May generate mists.</i>
Flammability:	<i>Not flammable.</i>

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 (02) 9757 2633*

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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