



# Material Safety Data Sheet

## LENOX SAWMASTER® SYNTHETIC FLUID

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

**Product Name:** LENOX SAWMASTER® Synthetic Fluid

**Other Names:** Amine Complex

**Recommended use:** Sawing fluid for operational equipment.

**Supplier:** Irwin Industrial Tool Company Pty Ltd  
**ABN:** 30 005 543 966  
**Address:** 500 Princes Highway  
Noble Park VIC 3174  
Australia

**Telephone:** +61 8 9259 8888 (WA) or +61 3 8762 4222 (all other states)

**Facsimile:** +61 8 9259 8800 (WA) or +61 3 8762 4202 (all other states)

**Emergency Phone:** +61 8 9259 8888 (WA: 8.30 am -5 pm) or +61 3 8762 4202 (Vic: 8 am -6 pm)

### 2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE – NON-DANGEROUS GOOD

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS Number	Proportion
Amine Complex	Proprietary	100 % by weight

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26.

**Swallowed:** Not considered a normal route of exposure. Give large quantities of water but only if affected person is conscious. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical advice as a precautionary measure.

**Eye:** Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical advice if irritation occurs or persists.

**Skin:** Wash affected skin with soap and plenty of water. Remove contaminated clothing and thoroughly clean before re-use.

**Inhaled:** Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing difficulties are experienced, give oxygen. Seek medical advice.

**Notes to doctor:** Treat symptomatically. There are no known medical conditions aggravated by exposure to this product.



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### 5. FIRE FIGHTING MEASURES

**Specific hazards:** Not considered to be a fire or explosion hazard.

**Extinguishing media:** Water or carbon dioxide (CO<sub>2</sub>). Use extinguishing agents appropriate for surrounding combustible materials.

**Fire fighting procedures:** As with any fire, wear full protective clothing and approved self-contained breathing apparatus with full face-mask. If safe to do so, remove containers from path of fire. Continue to cool fire exposed containers with water until well after flames are extinguished.

**Hazardous Decomposition Products:** There are no known unusual fire or explosion hazards.

**Hazchem Code:** None allocated

### 6. ACCIDENTAL RELEASE MEASURES

Unprotected personnel should be kept away. Wear protective equipment (refer Section 8) to prevent skin and eye contamination and inhalation of vapours. Stop and contain large spills for salvage or absorb in absorbent material for disposal by an approved method. Prevent run-off into drains and waterways. Wash the spill area with copious volumes of water to remove any trace amounts of product. The product mixes completely with water. Ventilate area well and ensure adequate personal protection as above. Small spills can be flushed away to drains, sewers or waterways with copious amounts of water.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse.

**Storage:** Store indoors in tightly closed containers in a cool, dry and well ventilated area. Keep containers closed at all times – check regularly for leaks. Do not eat, drink or smoke in areas of use or storage. Store separated from strong acids (Class 8) or strong alkalies (Class 8). Protect from freezing temperatures. If product is frozen, thaw out to room temperature and then agitate contents to ensure a homogenous mix.

**Incompatibilities:** Strong acids or strong alkalies.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National occupational exposure standards:**

The product contains triethanolamine (> 1%). Please observe exposure standard:

Substance	TWA		STEL		Carcinogen Category	Notices
Triethanolamine	--	5 mg/m <sup>3</sup>	None allocated	None allocated	None allocated	None allocated

As published by Australian Safety and Compensation Council.



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Exposure Standard (TWA) is the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health nor cause undue discomfort to nearly all workers.

This Exposure Standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. This Exposure Standard should not be used as a fine dividing line between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Engineering controls:

Facilities storing or using this material should be equipped with eyewash and deluge safety shower. Use adequate ventilation to keep airborne concentrations low. Keep containers tightly closed when not in use.

### Personal Protection

**Skin:** Avoid skin contact by the use of appropriate protective clothing and gloves (e.g. PVC) to prevent skin exposure.

**Eye:** Avoid eye contact by wearing eye protection, e.g. protective safety glasses with side-shields or chemical safety goggles.

**Respiratory:** None should be needed under normal circumstances.

Protective clothing (gloves, coveralls, boots, etc.) should be worn to prevent skin contact. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Translucent amber liquid with characteristic odour
<b>Boiling Point:</b>	99°C
<b>Melting Point:</b>	-12°C
<b>Vapour pressure:</b>	not available (20°C)
<b>Specific gravity:</b>	1.076
<b>Flash Point:</b>	none
<b>pH:</b>	9.7 – 10.0
<b>Flammability Limits:</b>	% by volume lower: not applicable % by volume upper: not applicable
<b>Autoignition temperature:</b>	no data available
<b>Solubility in water:</b>	100% soluble
<b>Vapour Density:</b>	> 1 (air = 1)
<b>Evaporation rate:</b>	not applicable
<b>Per cent volatiles:</b>	not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	The product is stable and will not polymerise.
<b>Hazardous polymerization:</b>	None.
<b>Incompatible materials:</b>	Strong acids or strong alkalis. Should not be used on magnesium.
<b>Conditions to avoid:</b>	Avoid storage with strong acids or strong alkalis.
<b>Hazardous decomposition products:</b>	None known.



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### 11. TOXICOLOGICAL INFORMATION

**Swallowed:** Not considered a likely route of exposure. May cause gastric disturbances if large amounts are ingested.

**Eye:** Eye contact may cause slight, temporary irritation.

**Skin:** Skin contact may cause slight, temporary irritation.

**Inhaled:** Not expected to be an inhalation hazard under ambient conditions.

**Chronic:** Chronic health effects have not been reported based on many years of production and use.

**Acute toxicity:**

Carcinogenicity: Not a human carcinogen

Acute oral toxicity LD<sub>50</sub>: > 5000 mg/kg

### 12. ECOLOGICAL INFORMATION

**Environmental fate:** This material is expected to be biodegradable when released into the soil.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Method:**

Suitable for disposal to approved landfill in accordance with local waste authority requirements. Small amounts of product can be flushed to sewer systems, drains or waterways with copious amounts of water. Empty containers can be cleaned by complete rinsing with water.

### 14. TRANSPORT INFORMATION

**Road and Rail Transport (Australian Dangerous Goods Code):**

UN Number:	None allocated
Proper Shipping Name:	None allocated
Class:	None allocated
Hazchem Code:	None allocated
Packing Group:	None allocated

**Marine Transport (International Maritime Dangerous Goods Code):**

UN Number:	None allocated
Proper Shipping Name:	None allocated
Class:	None allocated
Packing Group:	None allocated
Marine Pollutant:	No



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Air Transport (International Air Transport Association Dangerous Goods Regulations):

UN Number:	None allocated
Proper Shipping Name:	None allocated
Class:	None allocated
Subsidiary Risk:	None allocated
Packing Group:	None allocated
Limitations:	None

## 15. REGULATORY INFORMATION

Australian Inventory of Chemical Substances (AICS): All components are listed on the inventory.

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP): Not scheduled.

## 16. OTHER INFORMATION

This Material Safety Data Sheet has been prepared by Hodson & Associates Pty Ltd on behalf of Irwin Industrial Tool Company Pty Ltd.

Contact Point:	Hodson & Associates Pty Ltd, MSDS Services
Within Australia:	Telephone: (03) 9572 1303
	Facsimile: (03) 9572 1393
Outside Australia:	Telephone: +61 3 9572 1303
	Facsimile: +61 3 9572 1393

Issue Date: 18/APR/08/AH      Supercedes Issue Date: August 2006

Reasons for Issue:      First issue in Australian format.

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