

<b>MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157</b>	
Tel. for Information: (07) 3245 2355 Last Updated: February 2011	Fax for Information: (07) 3245 2499 Page 1 of 3
<b>Material Safety Data Sheet</b>	<b>MOLYSLIP Metal Cutting Compound</b>

## NOT Classified as hazardous according to criteria of NOHSC.

### 1. Chemical Product / Company Identification

Product Name: **MCC**  
Product Type: Metal Working Paste  
Product Size: 450g Tin P/No 40004, 3kg P/No 40030  
Product Use: Lubricant for metal removal operation.

### 2.\* HAZARDS IDENTIFICATION

This product is not classified as hazardous under current UK Health & Safety & Environmental Legislation when used in the application for which it is intended.  
However, prolonged or extensive skin contact with the product may result in skin disorders.  
The risk of skin disorders may be increased if the product has become contaminated.

### 3.\* COMPOSITION/INFORMATION OF INGREDIENTS

General: Blend of highly refined mineral oil with additives in a wax base. No component is present at sufficient concentrations to require a hazard classification for health in accordance with EC Directives.

### 4. FIRST AID MEASURES

Eye contact: Irrigate immediately with copious quantities of clean, fresh water. If irritation persists, seek medical attention.  
Skin contact: Wash thoroughly with soap and water.  
Inhalation: Remove to fresh air. If effects persist, seek medical advice.  
Ingestion: DO NOT induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet. Keep at rest.

### 5. FIRE FIGHTING MEASURES

Flammability: Product not classified as flammable but is inherently combustible  
Flash Point (°C pmcc): > 200  
Extinguishing Media: Foam, dry powder, Co<sub>2</sub>  
Products of Combustion: Carbon, oxides of carbon, Hydrogen chloride

### 6. ACCIDENTAL RELEASE MEASURE

Personal Precaution: Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition.  
Environmental Precautions: Prevent entry into drains, sewers and water courses.  
Decontamination Procedures: Scrape or shovel up and transfer to suitable containers.  
Clean affected areas.

### 7. HANDLING AND STORAGE

Keep containers closed when not in use. Protect from water by storing undercover if possible.  
Prevent slip hazards.  
Storage temperature 0-40 °C  
Provide suitable mechanical equipment for safe handling of drums and heavy packages.

### 8.\* EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Control measure: Local exhaust ventilation is recommended when excessive product fuming occurs.  
Personal Protection: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.

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## 9.\* PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black Paste
Odour:	Distinctive
Specific gravity at 20 °C:	N/A
pH:	7
Solubility:	Insoluble in water
Flash point (closed cup):	>200 °C
Flammability:	LEL (% vol. in air @ 25 °C) UEL
Vapour pressure @ 20 °C:	N/A
Vapour density (Air = 1):	N/A
Boiling Point (°C):	N/A
Pour Point/Melting Point (°C):	55 °C
Kinematic Viscosity at 40 °C, mm <sub>2</sub> 5 <sub>1</sub>	N/A

## 10. STABILITY AND REACTIVITY

Stability:	Stable, will not polymerize
Conditions to Avoid:	Temperatures above 40 °C
Incompatibility:	Strong oxidizing agents, strong acids, strong alkalis.
Hazardous Decomposition products:	Irritant fumes. DO NOT breathe products of decomposition.

## 11.\* TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Estimated oral LD<sub>50</sub>Rat > 2g/kg:

### HEALTH EFFECTS

On Eyes:	May cause transient irritation.
On Skin:	Unlikely to cause harm from brief or occasional contact.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	May cause nausea, vomiting and diarrhoea.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.
Other:	Products which have become contaminated in use or from external sources may present more serious health effects.

## 12.\* ECOLOGICAL INFORMATION

Biodegradability: No applicable test	CHEMICAL OXYGEN DEMAND (mgO <sub>2</sub> /l): n.d.
Due to its physical form, grease has low mobility in the environment.	
May be harmful to aquatic life.	

## 13. DISPOSAL RECOMMENDATIONS

Place used and contaminated materials/packaging in suitable containers. Dispose of the controlled waste in accordance with Duty of Care regulations (Environmental Protection Act 1990-Section 34(7) using a licensed waste disposal company.

## 14. TRANSPORT INFORMATION

Classification for transport: NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT.	
UN Number:	N/A
Packaging Group:	N/A
Shipping Name:	N/A
IMO Class:	N/A
Marine Pollutant:	No
ADR/RID:	N/A
ICAO/IATA:	N/A

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#### 15.\* REGULATORY INFORMATION

Hazard Label Data: This product is NOT classified as dangerous for supply in AUS.

EC Directives: Framework Waste Directive, 91/156/EEC  
Waste Oil Directive, 87/101/ECC

Statutory Instruments: The Health & Safety at Work etc Act 1974  
Consumer Protection Act 1987  
Environmental Protection Act 1990  
Control of Substances Hazardous to Health Regulations 1988  
Chemicals (Hazard Information and Packaging) Regulations 1993

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#### 16. OTHER INFORMATION

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected by any hazards described in this sheet and of any precautions which should be taken.

Approved Codes of Practice: Waste Management. The Duty of Care.

Guidance Notes: Occupational skin diseases: health & safety precautions (EH26)  
Occupational exposure limits (EH40)  
The carcinogenicity of mineral oils (EH58)  
Skin cancer caused by oil [MS (B) 5]  
Save your skin! –Occupational Contact Dermatitis [MS(B)6]  
Dermatitis- cautionary notice [SHW 367]  
Effects of mineral oil on the skin [SHW 397]

The above publications are available from HMSO and HSE sources.

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#### POLICE AND FIRE BRIGADE:

**DIAL 000**

For further safety information contact Denis Brown at MOLYTEC AUSTRALIA on:  
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