



# MATERIAL SAFETY DATA SHEET

PART NUMBERS: 15 50 04

## SECTION 1

## PRODUCT IDENTIFICATION AND MANUFACTURE

**SUPPLIER:** METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW  
TELEPHONE: 024 7642 1222  
FAX: 024 7642 1192

**DESCRIPTION:** Water based lubricant.

**PRODUCT:** METPREP DIAMOND LUBRICANT, OIL BASED

## SECTION 2

## SUBSTANCE HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

**Main hazards:** No Significant Hazard

**2.1.1. Classification  
1999/45/EC**

Xn; R65 R66  
Symbols: Xn: Harmful

**Main hazards**

Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

**2.1.2. Classification – EC**

Asp. Tox. 1:H304

### 2.2. Label elements

**Hazard pictograms**



**Signal Word**

Danger

**Hazard Statement**

Asp. Tox. 1:H304 – May be fatal if swallowed and enters airways.

**2.2 Label elements**

**Precautionary Statement:**

**Prevention**

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 – Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statement:**

**Response**

P301+P310 – IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTRE/DOCTOR

P331 – Do NOT induce vomiting

**Precautionary Statement:**

**Storage.**

P403+P233 – Store in a well-ventilated place. Keep container tightly

P405 – Store locked up.

**Precautionary Statement:**

**Disposal**

P501 - Dispose of contents/container to an approved waste disposal plant.

### 2.3. Other hazards

**Other hazards** No data is available on this product.



### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### 67/548/EEC / 1999/45/EC

Chemical Name	Index No. CAS No.	EC No. REACH Registration Number	Conc	Classification
Hydrocarbons,C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics		926-141-6	80-90%	Xn;R66 R66

##### EC 1272/2008

Chemical Name	Index No. CAS No	EC No. REACH Registration	Conc	Classification
Hydrocarbons,C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics		926-141-6	80-90%	Asp. Tox 1:H304

### SECTION 4 FIRST AID MEASURES

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

#### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5 FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

#### 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions



**Do not allow product to enter drains. Prevent further spillage if safe.**

**6.3. Methods and material for containment and cleaning up**

**Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.**

**6.4. Reference to other sections**

**See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.**

**See section 13. DISPOSAL CONSIDERATIONS for further information.**



## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

### 7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure controls.

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection -	
Handprotection	Wear suitable gloves
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Red/Clear
Odour	Characteristic
Initial boiling point	180 - 270 °C
Flash point	> 70 °C
Evaporation rate	0.01 g/min
Upper Explosive Limi	7 %
Lower Explosive Limit	0.6 %
Vapour pressure	< 1 Pa
Autoignition temperature	> 200 °C
Viscosity	2 cps@20°C
Solubility	Miscible in water



## 9.2. Other information

Specific gravity 0.771 g/cm<sup>3</sup>

Pour point < -20 °C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

#### SECTION 10

#### STABILITY AND REACTIVITY PROPERTIES

##### 10.1. Reactivity

Stable under normal conditions.

##### 10.2. Chemical stability

Stable under normal conditions.

##### 10.3. Possibility of hazardous reactions

No data is available on this product.

##### 10.4. Conditions to avoid

No data is available on this product.

##### 10.5. Incompatible materials

No data is available on this product.

##### 10.6. Hazardous decomposition products

No data is available on this product.

#### SECTION 11

#### TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological effects

Skin corrosion/irritation

May cause irritation to skin.

Serious eye damage/irritation

May cause irritation to eyes.

##### 11.1.4. Toxicological Information

No data available

#### SECTION 12

#### ECOLOGICAL INFORMATION

##### 12.1. Toxicity

No data available

##### 12.2. Persistence and degradability

No data is available on this product.

##### 12.3. Bioaccumulative potential

No data is available on this product.

##### 12.4. Mobility in soil

No data is available on this product.



#### **12.5. Results of PBT and vPvB assessment**

No data is available on this product.

#### **12.6. Other adverse effects**

No data is available on this product.

### **SECTION 13 DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Dispose of in compliance with all local and national regulations.

### **SECTION 14 TRANSPORT INFORMATION**

#### **14.1. UN number**

The product is not classified as dangerous for carriage.

#### **14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

#### **14.3. Transport hazard class(es)**

The product is not classified as dangerous for carriage.

#### **14.4. Packing group**

The product is not classified as dangerous for carriage.

#### **14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

#### **14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

No data is available on this product.

#### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The product is not classified as dangerous for carriage.

No data is available on this product.

### **SECTION 15 REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.



## **15.2. Chemical safety assessment**

No data is available on this product.

### **SECTION 16**

### **OTHER INFORMATION**

**Revision**      This document differs from the previous version in the following areas:  
12 - 12.1. Toxicity.

#### **Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.