



# MATERIAL SAFETY DATA SHEET

PART NUMBERS: 15 99 43 – 15 99 67

## 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:** Oil based Diamond Suspension

**PRODUCT:** METPREP DIAMOND SUSPENSIONS OIL- BASED

## SECTION 2

## SUBSTANCE HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

**2.1.1. Classification -** Xn; R65 R66  
1999/45/EC Symbols: Xn: Harmful.

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

**2.1.2. Classification -** Asp. Tox. 1: H304;  
EC 1272/2008

### 2.2. Label elements

**Hazard pictograms**



**Signal Word** Danger

**Hazard Statement** Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

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**Precautionary Statement:** P210 - Keep away from heat, hot surfaces, sparks, open flames and  
Prevention other ignition sources. No smoking.  
P280 - Wear protective gloves/protective clothing/eye protection/face  
protection.

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Precautionary Statement: Response P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call POISON CENTER/doctor.  
P331 - Do NOT induce vomiting.

Precautionary Statement: Storage P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.

Precautionary Statement: Disposal P501 - Dispose of contents/container to an approved waste disposal plant.

### 2.3. Other hazards

No other 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 No.	Conc. (%w/w)	Classification	M-factor.
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics			926-141-6		80 - 90%	Xn; R65 R66	

EC 1272/2008

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## **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	Harmful: may cause lung damage if swallowed. 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	Seek medical attention.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention.

## **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 feedingstuffs.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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

Appearance	Liquid
Colour	Various
Odour	Characteristic
Initial boiling point	180 - 270°C
Flash point	> 70°C
Upper exposure limit	7%
Lower exposure limit	0.6%
Vapour pressure	<1 pa
Autoignition temp	> 200°C
Viscosity	> 60 cps@20°C
Solubility	Miscible in water

**9.2. Other information**

Specific gravity	0.771 – 0.871 g/cm <sup>3</sup>
Pour point	< 20 °C



## 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

Acute toxicity Harmful if swallowed or if inhaled.

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.

Partition coefficient Hydrocarbons, C11-C14,  
n-alkanes, isoalkanes, cyclics,  
<2% aromatics

### 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**

<b>Revision</b>	<b>This document differs from the previous version in the following areas: 12 - 12.1. Toxicity.</b>
<b>Text of risk phrases in Section 3</b>	<b>R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking.</b>
<b>Text of Hazard Statements in Section 3</b>	<b>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</b>

**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.