

<b>MATERIAL SAFETY DATA SHEET</b>
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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

SUPPLIER: METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

FAX: 024 7642 1192

DESCRIPTION: Water based lubricant/extender for use with MetPrep abrasive products. Containing monopropylene glycol and additives.

PRODUCT: METPREP DIAMOND LUBRICANT

PRODUCT NUMBERS: 15 50 00, 15 50 02

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENT (S):	CAS NUMBER:	%
Monopropylene Glycol	57-55-6	10 – 30% w/w

**3. HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard

**4. FIRST AID MEASURES**

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention.

EYES: Irrigate thoroughly with water for at least 10 minutes. Seek medical attention.

SKIN: Remove soaked clothing. Wash the skin immediately with soap and water. Seek medical attention if symptoms occur after washing.

INGESTION: DO NOT INDUCE VOMITING! Seek medical attention immediately

**5. FIRE FIGHTING MEASURES**

MetPrep Water based Lubricant is not expected to be combustible.

**6. ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: As appropriate to the quantity handled.

Behavior in water: Soluble

Spillage: Wear necessary protective equipment. Absorb in cat litter, dry sand or earth and place into containers. Dispose of according to recognized method of chemical disposal

**MATERIAL SAFETY DATA SHEET****7. HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination exceeds accepted level.

STORAGE: Keep in cool, dry ventilated storage and closed containers.

OTHER PRECAUTIONS: As appropriate to quantity handled

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

RESPIRATORY PROTECTION (SPECIFY TYPE):

VENTILATION:

PROTECTIVE GLOVES: Use chemical resistant gloves

EYE PROTECTION: Wear approved safety goggles.

OCCUPATIONAL EXPOSURE LIMITS: Long term Exposure (8hrs) 150ppm

HAZARDOUS INGREDIENT (S) – Monopropylene glycol

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 100 °C

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.00

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

VAPOUR DENSITY (AIR=1): NA

EVAPORATION RATE: NA

FLASH POINT:

APPEARANCE AND ODOUR: Yellow virtually odourless liquid

AUTOIGNITION TEMPERATURE: NA

FLAMMABLE LIMIT, AIR VOL % LOWER: NA  
UPPER: NA

SOLUBILITY IN WATER: Soluble

**10. STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: NA.

HAZARDOUS POLYMERIZATION: NA

**11. TOXICOLOGICAL INFORMATION**

PRIMARY ROUTES OF ENTRY: Expect to be mildly irritating to eyes and skin

CARCINOGENICITY: Not known.

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TARGET ORGANS: Eye & Skin.

MUTAGENICITY DATA: Not known.

REPRODUCTIVE TOXICITY DATA: Not known.

TOXICITY DATA: For monopropylene glycol  
LD50 (oral rabbit) 5000mg/kg  
LD50 (skin rabbit) 13500mg/kg

**12. ECOLOGICAL INFORMATION**

AQUATIC TOXICITY: Not known.

ECOLOGICAL TOXICITY: Not known

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS: Dispose of in accordance with local authority requirements.

**14. TRANSPORTATION INFORMATION**

Unregulated

**15. REGULATORY INFORMATION**

Unclassified

**16. OTHER INFORMATION**

None

The data sheet was prepared in accordance with Directive 91/155/EEC

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