

## MATERIAL SAFETY DATA SHEET

### 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 advanced lubricant for use with MetPrep Cut-off wheels. Containing monopropylene glycol and additives.

PRODUCT: METPREP DIALUB 2

PRODUCT NUMBERS: 11 11 01

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS NUMBER:	%:
Monopropylene Glycol	CAS No 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

### 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.

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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.

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

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**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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