

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

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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

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 (H₂O=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.

MATERIAL SAFETY DATA SHEET

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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