

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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CHEMICAL NAME:

PRODUCT: METPREP BLUE LUBRICANT

PRODUCT NUMBERS: 15 50 09

2. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION: Lubricant for use with MetPrep diamond suspensions containing aliphatic chemical solvent & water.

INGREDIENT (S):	CAS NUMBER	%	F	Risks
1-Methoxy-2-Propanol	107-98-2	30-40%	F	R10

3. HAZARDS IDENTIFICATION

Fire and Explosion Hazards: Moderate/high hazard. Liquid can release vapours that can readily form flammable mixtures at or above the flash point.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Administer artificial respiration if breathing has stopped.

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! If vomiting occurs, keep head low so that stomach content does not get into the lungs. Drink plenty of water. Seek medical attention immediately

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, Dry Chemical or sand

SPECIAL RISKS: Fire creates acrid smoke/fumes of carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

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

Behavior in water: Miscible in water

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.

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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. Container remains hazardous even when empty

OTHER PRECAUTIONS: As appropriate to quantity handled

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): No specific recommendation . If OEL exceeded respiration protection must be used.

VENTILATION: Provide adequate general and local exhaust ventilation

PROTECTIVE GLOVES: Use chemical resistant gloves

EYE PROTECTION: Wear approved safety goggles.

OCCUPATIONAL EXPOSURE LIMITS: Recommended – 100mg/m³

HAZARDOUS INGREDIENT (S) –

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

COLOUR: Blue

ODOUR: Chemical

BOILING POINT: 100 °C

SPECIFIC GRAVITY (H₂O=1): 1.00

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

DENSITY: 0.95 g/cm³

EVAPORATION RATE: NA

FLASHPOINT: 32 °C

AUTOIGNITION TEMPERATURE: NA

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

SOLUBILITY IN WATER: miscible

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.

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HAZARDOUS POLYMERIZATION: NA

11. TOXICOLOGICAL INFORMATION

INHALATION: Gas or vapour is harmful on prolonged exposure or in high concentrations. Narcotic effect.
LC50/Inhalation/Rat 6mg/ ¼ hr

SKIN CONTACT: Skin resorption hazard. Frequent or prolonged contact may irritate and cause dermatitis.

EYE CONTACT: Irritating but does not injure eye tissue.

INGESTION: Toxic dose 5000mg/kg (Oral Rat).

REPRODUCTIVE TOXICITY DATA: Not known.

TOXICITY DATA: NA.

12. ECOLOGICAL INFORMATION

GENERAL: Biological degradability: Good.

ECOLOGICAL TOXICITY: Toxicity to fish
LC50/ Leusiscus idus: >4600mg/l/96hr.

BEHAVIOUR AND ENVIROMENTAL FATE: Inhibition of degradation in activated sludge is not to be anticipated during correct introduction of low concentrations.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

UN NAME: NA
UN NUMBER: NA
IMDG CODE/CLASS 3363
IICAO/IATA CLASS 3
RID/ADR CLASS: 3.31C
HAZCHEM CODE: NA

15. REGULATORY INFORMATION

EXPOSURE LIMITS: Recommended 100 mg/m3.
RISK PHRASE: R10 Flammable
SAFETY PHRASES S 24 Avoid contact with skin

16. OTHER INFORMATION

None

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

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