

## 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: Thixotropic water based suspension, containing monopropylene glycol and additives.

PRODUCT: METPREP DIAMOND SUSPENSIONS WATER BASED

PRODUCT NUMBERS: 15 42 31 – 15 42 66 & 15 99 44 – 15 99 67

### 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 Diamond Suspension 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.

**MATERIAL SAFETY DATA SHEET**

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: Slightly viscous liquid supplied in various colours

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.

**MATERIAL SAFETY DATA SHEET**

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

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd. shall not be held liable for any damage resulting from the handling of or contact with the above product.