

# SAFETY DATA SHEET

## MET-L-COOL EDM 30

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Trade Name</b>	<b>MET-L-COOL EDM 30</b>
<b>Use of substance</b>	Water miscible metal working fluid
<b>Manufacturer/Supplier</b>	ITW Chemin, ITW INDIA PRIVATE LIMITED
<b>Address</b>	Plot No: 34-37, Phase- 2, IDA, TSIIC, Pashammylaram, Sangareddy Dist.- 502307, INDIA
<b>Phone Number</b>	+91 8455 224700/01
<b>Fax Number</b>	+91 8455 224705
<b>Emergency Cell Number</b>	+919000031515
<b>E-Mail</b>	<a href="mailto:chemininfo@itwchemin.com">chemininfo@itwchemin.com</a>
<b>Website</b>	<a href="http://www.itwchemin.com">www.itwchemin.com</a>

### 2. HAZARD IDENTIFICATION

#### GHS label Element:

Hazard statements: H319: Causes serious eye irritation  
H315: Causes skin irritation.

Hazard Pictogram: GHS07: Exclamation mark



Signal Word: Warning

#### Precautionary statements:

P102: Keep out of reach of children  
P240: Ground/Bond container and receiving equipment.  
P243: Take precautionary measures against static discharge.  
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call if you feel unwell.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.

Other Hazards: This product is not identified as a PBT/vPvB substance.

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### 3. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration
Hydro treated Heavy Naphthenic Distillate	64742-46-7	>99%

### 4. FIRST AID MEASURES

#### 4.1: First aid measures

#### 4.2:Symptoms

<b>Eye contact</b>	Bathe the eye with running water for 15 minutes. Consult a doctor	May be Mild irritation at the site of contact
<b>Skin contact</b>	wash immediately with plenty of soap and water	May be Irritation and redness
<b>Ingestion</b>	Wash out mouth with water	May be irritation of throat
<b>Inhalation</b>	Remove causality from exposure ensuring one's own safety whilst doing so.	May be coughing and sore throat.

### 5. FIRE FIGHTING MEASURES

5.1	<b>Extinguishing Media</b>	Use foam, dry chemical or carbon dioxide.
5.2	<b>Specific hazards arising from the chemical</b>	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
5.3	<b>Advice for fire-fighters</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
5.4	<b>Unsuitable Extinguishing Media</b>	Do not use water jet

### 6. ACCIDENTAL RELEASE MEASURES

6.1	<b>Personal Precautions</b>	Material can create slippery conditions underfoot.
6.2	<b>Environmental Precautions</b>	Try to prevent the material from entering drains or rivers.

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- 6.3 **Methods and material for containment and cleaning up**      Contain and absorb using, sand or other inert material. Transfer into suitable containers for recovery or disposal. Flush area with water.

### 7. HANDLING AND STORAGE

- 7.1 **Handling**      Use only at the dilution specified. See label or technical data sheet.  
 7.2 **Storage**      Storage temperature should be controlled to between 5 and 40 °C.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**      DNEL / PNEC No data available.
- 8.2 **Engineering Control Measures**      Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
- 8.3 **Individual protection measures, such as personal protective equipment**
- Respiratory Protection**      Respiratory protection not normally required.
- Hand Protection**      Concentrated product - PVC or rubber gloves. Diluted product - Use a good quality barrier cream.
- Eye Protection**      Chemical goggles if there is a risk of eye contact.
- Body Protection**      Normal work wear.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.).</b>	Water White Clear Liquid
<b>Odor</b>	Characteristic
<b>Viscosity</b>	Mobile liquid at ambient
<b>pH</b>	NA
<b>Melting Point/Freezing point</b>	
<b>initial boiling point and boiling range.</b>	Boils above 100.
<b>flash point.</b>	Exceed 90°C
<b>evaporation rate.</b>	Not Available
<b>flammability (solid, gas).</b>	Not Available
<b>upper/lower flammability or explosive limits.</b>	Not Available
<b>vapor pressure.</b>	Not Available

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<b>vapor density.</b>	0.78±0.02 Kg/L
<b>relative density.</b>	Not Available
<b>solubility(ies).</b>	Miscible in water
<b>Partition coefficient: n-octanol/water.</b>	Not Available
<b>Auto ignition temperature.</b>	Above 200°C
<b>Decomposition temperature.</b>	Not Available

The above data are typical values and cannot be inferred as specifications

**NOTE:**

### 10. STABILITY AND REACTIVITY

10.1	<b>Reactivity</b>	Stable under recommended transport or storage conditions
10.2	<b>Chemical stability</b>	Stable under normal condition
10.3	<b>Possibility of Hazardous reaction</b>	Hazardous reaction not occur under normal transport or storage condition
10.4	<b>Condition to avoid</b>	Heat
10.5	<b>Incompatible material</b>	Strong oxidizing agents. Strong reducing agents.
10.6	<b>Hazardous Decomposition Products</b>	After evaporation of water, combustion will generate: oxides of nitrogen, ammonia smoke, possibly thick and choking, resulting in zero visibility.

### 11. TOXICOLOGICAL INFORMATION

11.1	<b>Routes of exposure</b>	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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### 12. ECOLOGICAL INFORMATION

12.1	<b>Eco toxicity</b>	No data available
12.2	<b>persistence and degradability</b>	The product is expected to be partially or slowly biodegradable
12.3	<b>Bio accumulative potential</b>	No bioaccumulation potential.
12.4	<b>Mobility in soil.</b>	The product will leach into soil. The product is non- volatile and water- soluble and will partition to the aqueous phase.
12.5	<b>Other adverse effects</b>	....

### 13. DISPOSAL

13.1	<b>Product Disposal</b>	Dispose of in accordance with all applicable local and national regulations.
	<b>Container Disposal</b>	Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

### 14. TRANSPORT INFORMATION

14.1	<b>UN number</b>	Not classified
14.2	<b>UN proper shipping name</b>	Shipping name: " NOT SUBJECT TO ADR"

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|------|-----------------------------------|--|
| 14.3 | <b>Transport hazard class(es)</b> | UN no: -   |
| 14.4 | Packing group                     | Not classified                                     |
| 14.5 | <b>Environmental hazards</b>      | Environmentally Hazard : No<br>Marine Pollute : No |
| 14.6 | Special precautions for user      |  |

#### 15. REGULATORY INFORMATION

- |      |   |                       |
|------|---|-----------------------|
| 15.1 | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | No significant Hazard |
| 15.2 | <b>Chemical Safety Assessment</b>   | None                  |

**Note** The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

#### 16. OTHER INFORMATION

<b>Product Use</b>	For industrial use only. Metal Working Fluid
<b>SDS first issued</b>	June 2016
<b>SDS data revised, Ref. No.</b>	May 2019/02

**Legal disclaimer** The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.