



---

## MATERIAL SAFETY DATA SHEET

---

### 1. IDENTIFICATION OF THE SUBSTANCE

MATERIAL NAME	: <b>EMULKUT-1101</b>
USES	: WATER SOLUBLE METAL WORKING FLUID
MANUFACTURER	: Emulsichem Lubricants Pvt Ltd T-120, MIDC, Bhosari, Pune-411026, Maharashtra, India
Emergency Contact Number	: Tel-+91 20 27120266/77, +91 9822064232 E-mail:- <a href="mailto:abhijeetbhosale@emulsichem.com">abhijeetbhosale@emulsichem.com</a>

### 2. COMPOSITION/ INFORMATION ON INGREDIENTS:

Preparation Description	: Blended with EP additives, Synthetic esters, Water, Biocides and highly refined mineral Oils.
-------------------------	---

### 3. HAZARDS IDENTIFICATION:

Health Hazards	: It is not expected to be a health hazard When used under normal conditions and Controlled working parameters like Concentration, pH and filtration. Prolonged Skin contact may cause some disorder like Acne and rashes. Impurities in used oil can Be avoided by regular filtration of chips.
Safety Hazards	: Not classified as flammable, but will burn
Environmental Hazards	: Not classified as dangerous for the Environment

### 4. FIRST AID MEASURES:

General Information	: No treatment is necessary, but may obtain Medical Advice.
Skin Contact	: For repeated skin contact flush with water And wash Hands with soap. Remove the Contaminated clothing. With persistent Irritation, please seek medical attention

EMULSICHEM



Eye Contact : Flush with generous amount of water.  
If irritation Persists, seek medical advice.

Ingestion : No treatment is necessary unless large  
Quantities are taken. In such cases please  
Seek medical attention.

Notes to Physician : Please treat as per the symptoms with the  
Product Information

## 5. FIRE FIGHTING MEASURES

Flash Point : NA  
Auto Ignition temperature : NA  
Flammable Limits in air % by vol.: NA  
Extinguishing Media : Chemical foam type, Dry powder,  
Carbon di Oxide  
Special Information : NA

## 6. ACCIDENTAL RELEASE MEASURES

Please avoid contact with spilled material. For further information on protective  
Equipment see chapter 8 and for disposal of spilled material see chapter 13 of the  
MSDS. If possible eliminate all ignition points, sources.

Protective Measures : Avoid contact and prevent from spreading  
Or Entering drains or water.

Cleaning Measures : Soak up with absorbent material like cloth,  
Sand or Other suitable material.  
Dispose as per guidelines.

## 7. HANDLING AND STORAGE

Handling : While handling drums, use safety shoes  
And other Protective gear and handling  
Equipment's

Storage : Store in cool properly ventilated area.  
Storage Temperatures: 5-45 ° c

## 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

Respiratory : Under normal conditions, no protection  
is required.

EMULSICHEM



Eye	: Wear safety glasses if coolant splashes are Likely to Occur.
Hand	: If required hand gloves may be used. Personal Hygiene is must in case of using hand gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Oceanic Blue
Odour	: Slight
Solubility	: Miscible
Density @ 27° C gm/ml	: 0.90 ± 0.02
pH of 5% Emulsion	: 9.0 ± 0.2
% volatiles by volume @ 21°c	: NA
Boiling Point	: Above 160° c
Melting Point	: NA
Vapour Density (Air)	: No data available
Vapour pressure (mm Hg)	: No data available
Evaporation Rate	: No evaporation at room temperature

## 10. STABILITY AND REACTIVITY

Stability	: Stable at room temperature
Hazardous decomposition	: No hazardous products are formed during Product Normal storage and use
Hazardous Polymerization	: No polymerization occurs
Conditions to avoid	: Direct sunlight and extreme pressure

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: Expected to be of low toxicity
Acute Dermal toxicity	: Expected to be of low toxicity
Skin irritation	: Expected to be slightly irritating
Eye irritation	: No irritation
Respiratory irritation	: No irritation
Carcinogenicity	: Components are not known to be Associated with Carcinogenic effects At the usage doses.

EMULSICHEM



## 12. ECOLOGICAL INFORMATION

Environmental toxicity : May cause physical fouling of aquatic Organisms if Left untreated. Not readily Biodegradable.

## 13. DISPOSAL CONSIDERATIONS

The product can be treated in the ETP before disposing. It the responsibility of the Waste generator to determine the toxicity and physical properties of the material Generated after treatment with proper classification and disposal compliance.

## 14. TRANSPORT INFORMATION

Domestic (Land) : This is not classified as dangerous

## 15. REGULATORY INFORMATION

The Factories Act, 1948, The Second Schedule: Permissible levels of certain Substances in work environment

## 16. OTHER INFORMATION

MSDS effective date : 01.01.2017

### DISCLAIMER

This information is furnished without warranty, expressed or implied, except that it is accurate to the Best knowledge of Emulsichem Lubricants Pvt Ltd. The data on this sheet are related only on the Specific material designated herein. Emulsichem Lubricants assumes no legal responsibility for use Or reliance upon these data and the damages to life, property incurred thereafter.

EMULSICHEM