



TRIBO LUBES PVT LTD
Manufacturer of Grease & Speciality oils

MATERIAL SAFETY DATA SHEET

1. Product and company identification

Product name: TL Soluble Cutting Oil 20

Product use: Water Miscible metal working oil

Manufacturer: Survey No.13/7A, 14/3, 15/6, Takai Adoshi Rd,
Behind Parsol Chemicals Ltd, Village Honad,
Post – Saigoan, Tal- Khalapur, Dist-Raigad,
Maharashtra 410203

Telephone: 022-26520790

Emergency phone numbers in India: 022-26520790

2. Hazard Identification

Main hazards : This preparation is classified as dangerous according to 1994 /45/EC

Adverse human health effects : None under normal conditions

Environmental hazards : No specific risk for the environment.

-Inhalation : Excessive exposure to mist may cause respiratory irritation & damage

Dizziness & nausea,

-Skin Contact : may Produce Skin irritation

-Eye contact : May Cause eye irritation

-Ingestion : Not expected to present a significant ingestion hazard under Anticipated Conditions of normal use

3. Composition / Information on ingredients

Chemical Characterization : Mixture of highly refined mineral oils & additives
(PCS- Content < 3 % - IP346)

<u>Substance name</u>	Value(s)
Triethanolamine	< 20 %

4. First – Aid Measures

- Inhalation breathing difficulty persists. : Assure fresh air breathing. Obtain medical attention if
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention if irritation develops.
- Ingestion : DO NOT INDUCE VOMITING. Seek medical attention immediately.
- Note to physician : If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.

5. Fire- Fighting Measures

- Suitable extinguishers : Water fog. Carbon dioxide. Dry chemical. Foam. Sand.
- Extinguishers not to be used : Do not use a heavy water stream.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Special exposure hazards : None under normal conditions.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : None Identified

6. Accidental Release Measures

- Personal precautions : Keep public away from danger area. Wear recommended equipment. Equip cleanup crew with proper protection.
- Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters .
- After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Collect spills and put it into appropriated container. Use suitable disposal containers. Recover the cleaning water for disposal. Spill area may be slippery.
- on soil : May require excavation of contaminated soil.
- on Water : The product will emulsify and recovery may be difficult

7. Handling and Storage

- General : Keep away from sources of ignition.
- Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.
- Storage : Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place.
- Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure Controls / Personal Protection

Personal protection

- respiratory protection : When ventilation is not adequate wear approved respirator
- Hand protection : use neoprene or rubber gloves
- Skin protection : Wear suitable protective clothing.
- Eye Protection : Safety goggles, avoid contact with eyes.
- Industrial hygiene :Provide Local Exhaust or general room ventilation to minimize dust & or Vapour Concentrations, When using do not eat , drink or smoke .

9. Physical and Chemical Properties

- Physical state : Liquid
- Colour : Yellow
- Order : Mild
- PH Value in distilled water : 9.4
- Solubility in water : Miscible
- Specific gravity : 0.85 to 0.9
- Flash point [°C] : >130 C

10. Stability and Reactivity

- Physico-chemical stability : Stable.
- Conditions to avoid : Overheating.
- Materials to avoid : Oxidizing agents.
- Hazardous decomposition products : Carbon dioxide. Carbon monoxide. Metal dioxide
- Hazardous reactions : None under normal conditions.
- Hazardous Polymerization : Will not occur.

11. Toxicological Information

- Inhalation : Practically Non Toxic
- Dermal : Likely to cause irritation on contact with the diluted fluid is
Unlikely to cause harm on brief contact but repeated exposure may cause dermatitis
- Ingestion : Practically Non Toxic
- ocular : Likely to cause irritation the diluted fluid is not expected to be a irritant

-Carcinogenicity : No data Available

12. Ecological Information

Ecological effects information : No data Available

Persistence and degradability : Inherently Biodegradable.

Bioaccumulative potential : Not determined.

Mobility soil : Ground water contamination may be caused through spillages

13. Disposal Information

Disposal : Dispose in a safe manner in accordance with local /national regulations.

14. Transport Information

Not regulated

15. Regulatory Information

EC Labelling : Harmful

R Phrase(s) : R36/38 - Irritating to eyes and skin.

S Phrase(s) : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of water.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S24/25 - Avoid contact with skin and eyes.

Regul./ EINECS : All components are in compliance with the EC Seventh Amendment Directive 92/32/EEC

Canada : In compliance (DSL)

SARA - USA : Section 311 and 312 hazards classification(s) : None

US Toxic Substances Control Act - TSCA : In compliance

Australian Inventory of Chemical Substances (AICS) : In compliance

16. Other Information

R-phrases listed in chapter 2 : R36/38 - Irritating to eyes and skin.

Product information : For specific or detailed technical data for this product, please contact your local sales representative.

Note : To the best of our knowledge and belief, the information and recommendations provided in this MSDS are correct. We make no warranty whatsoever, expressed or implied of merchantability or fitness for the particular purpose, regarding the

accuracy of such data or the results to be obtained from the use thereof. We do not assume any liability for consequences of the uses of this information since it may be applied under conditions beyond our control or knowledge. The information is furnished on the condition that the recipients shall make their own decision as to safety and suitability of the material for

their purposes. We will not be responsible for damages of any nature resulting from the use or reliance upon the information and recommendations. If you have purchased this product for supply to a third party, it is your duty to pass on to that third party the information given in this Data Sheet. If the third party is not an employer it is his duty to pass the information given in the Data Sheet to the employer of whoever uses or handles this product. It is an employer's duty to advise and instruct his employees handling this product (and others whomay be affected) , of any hazards described in the Data Sheet and of any precautions which should be taken to ensure safe handling of the product.