

## SAFETY DATA SHEET

### TELCUT 10

10008 1.00 GB Current 10.06.1997

**SAFETY DATA SHEET Ref No. 10008**

#### **1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>TELCUT 10</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 6505
<b>Emergency Phone Number</b>	+44 (0) 7710 754382

#### **2. COMPOSITION/INFORMATION ON THE COMPONENTS**

<b>Preparation - Hazardous Components</b>	<b>Min% Max%</b>	<b>EEC Classification</b>
<b>Component:</b> 1. Tall oil/ iminodiethanol/boric acid reaction product. CAS No 111-42-2	10.00 –30.00	R36/38, Xi, R51/53

#### **3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Concentrated product - Irritating to eyes and skin.
<b>Health Effects - Eyes</b>	Liquid, mist or vapour at high concentrations may cause slight transient irritation.
<b>Health Effects - Skin</b>	Concentrated product - Material will cause irritation. Diluted product - Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
<b>Health Effects - Ingestion</b>	Concentrated product - Swallowing may have the following effects:- irritation of mouth, throat and digestive tract. nausea. Diluted product - nausea.
<b>Health Effects - Inhalation</b>	Diluted product - Exposure to mist may have the following effects:-Some cases of respiratory problems arising from continuous use have been reported.

#### **4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
<b>First Aid - Skin</b>	Wash skin with soap and water. Apply a reconditioning skin cream.
<b>First Aid - Ingestion</b>	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
<b>First Aid - Inhalation</b>	Diluted product - Remove from exposure.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Special Hazards of Product</b>	This product may give rise to hazardous fumes in a fire.
<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Material can create slippery conditions underfoot.
<b>Environmental Precautions Spillages</b>	Try to prevent the material from entering drains or water courses. Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water.

## **7. HANDLING AND STORAGE**

<b>Handling</b>	It is important to ensure that the recommended dilution ratio of all cutting fluids is correctly maintained. See product label or technical data sheet for the correct dilution ratio.
<b>Storage</b>	Storage temperature should be controlled to between 1 and 40 °C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering Control Measures</b>	Diluted product - 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.
<b>Respiratory Protection</b>	Respiratory protection not normally required.
<b>Hand Protection</b>	Concentrated product - PVC or rubber gloves. Diluted product - Use a good quality barrier cream.
<b>Eye Protection</b>	Chemical goggles if there is a risk of eye contact.
<b>Body Protection</b>	Normal work wear.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid.
<b>Colour</b>	Clear. Brown.
<b>Odour</b>	Faint.
<b>pH</b>	Range between 8 to 9.
<b>Boiling Range/Point (°C)</b>	Boils above 100.
<b>Flash Point (PMCC) (°C)</b>	Exceeds 100.
<b>Solubility in Water</b>	Emulsifies.
<b>Density (kg/m<sup>3</sup>)</b>	0.94. (measured as kg/litre)
<b>Auto-flammability (°C)</b>	Above 100.
<b>Viscosity (cSt)</b>	280 at 21 °C. (typical)

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	High temperatures.
<b>Materials to Avoid</b>	Strong oxidising agents.
<b>Hazardous Products</b>	Decomposition Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.

## **11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity</b>	Low order of acute toxicity.
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## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	The product will leach into soil. The product is involatile and water soluble and will partition to the aqueous phase.
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<b>Persistence/ Degradability</b>	The product is expected to be resistant to biodegradation.
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## **13. DISPOSAL**

<b>Product Disposal</b>	Dispose of in accordance with all applicable local and national regulations.
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<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.
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## **14. TRANSPORT INFORMATION**

<b>UN Class</b>	Not classified.
<b>ADR/RID - Class</b>	Not classified.
<b>IMDG - Class</b>	Not classified.
<b>IATA - Class</b>	Not classified.

## **15. REGULATORY INFORMATION**

<b>Labelling Information</b>	Irritant
<b>R phrases</b>	Concentrated product -Irritating to eyes and skin.
<b>S phrases</b>	Concentrated product - Avoid contact with skin and eyes. In case of contact with eyes,rinse immediately with plenty of water and seek medical advice.After contact with skin, wash immediately with plenty of: soap and water.

## **16. OTHER INFORMATION**

<b>Product Use</b>	For industrial use only. Metal cutting lubricant.
<b>MSDS first issued</b>	10 June 1997
<b>MSDS data revised</b>	
<b>Revisions Highlighted</b>	

## **17. NATIONAL LEGISLATION**

<b>EC Legislation</b>	EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
<b>UK Guidance Publications</b>	EH40, Occupational Exposure Limits, HSE. Revised Annually. Mineral oil mist OES: 5mg\cu.m 8h TWA; 10 mg\cu.m 15min TWA. EH58, The Carcinogenicity of Mineral Oils. IND(G) 166L: Management of Metalworking Fluids (wallchart), HSE. IND(G) 168L: Management of Metalworking Fluids - a guide to good practice for minimising risks to health, HSE. IND(G) 169L: Metalworking Fluids and You, HSE.