

SAFETY DATA SHEET
GLOBAL TELCUT 3
10020 1.00 GB Current 16.08.1997

SAFETY DATA SHEET Ref No. 00020

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name TELCUT 3
Manufacturer/Supplier Global Lubricants Limited
Address 7 Sandwell Business Development Centre, Oldbury Rd,
Smethwick, West Midlands, B66 1NN, England

Phone Number +44 (0) 121 544 3638
Fax Number +44 (0) 121 544 6505
Emergency Phone Number +44 (0) 7710 754382

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Preparation - Hazardous Components	Min%	Max%	EEC Classification
Component: 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

Main Hazards	Concentrated product -Irritating to eyes and skin.
Health Effects - Eyes	Liquid, mist or vapour at high concentrations may cause slight transient irritation.
Health Effects - Skin	Concentrated product -Material will cause irritation. Diluted product -Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
Health Effects - Ingestion	Concentrated product - Swallowing may have the following effects:- irritation of mouth, throat and digestive tract. nausea. Diluted product - nausea.
Health Effects - Inhalation	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

First Aid - Eyes	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.
First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Diluted product -Remove from exposure.

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Spillages	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

Handling	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.
Storage	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

Engineering Control Measures	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.
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

Physical State	Liquid.
Colour	Green.
Odour	Faint.
pH	Range between 9 to 10.
Boiling Range/Point (°C)	Boils above 100.
Flash Point (PMCC) (°C)	Exceeds 100.
Solubility in Water	Emulsifies.
Density (kg/m³)	0.99 (measured as kg/litre)
Auto-flammability (°C)	Above 100.
Viscosity (cSt)	310 at 21 °C. (typical)

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity.
-----------------------	------------------------------

12. ECOLOGICAL INFORMATION

Mobility	The product will leach into soil. The product is involatile and water soluble and will partition to the aqueous phase.
Persistence/ Degradability	The product is expected to be resistant to biodegradation.

13. DISPOSAL

Product Disposal

Dispose of in accordance with all applicable local and national regulations.

Container Disposal

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

UN Class

Not classified.

ADR/RID - Class

Not classified.

IMDG - Class

Not classified.

IATA - Class

Not classified.

15. REGULATORY INFORMATION

Labelling Information

Irritant

R phrases

Concentrated product - Irritating to eyes and skin.

S phrases

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

Product Use

MSDS first issued

MSDS data revised

For industrial use only. Metal cutting lubricant.
16 August 1997

17. NATIONAL LEGISLATION

EC Legislation

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.

UK Guidance Publications

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.