

## SAFETY DATA SHEET

rev: 0  
13/02/2003

### THREADCUT

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**Product Name:** THREADCUT  
**Application:** Neat metalworking lubricant  
**Supplier:** OILFLOW  
180 HARING ROAD WADEVILLE

**Telephone No.** 011 827-5848

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

This product is manufactured from highly refined mineral base oils and corrosion inhibitors, with additional performance additives.

**Components Include:** Paraffinic mineral oil, elemental sulphur, tri poly sulphides , Chlorinated paraffin's.

#### 3. HAZARDS IDENTIFICATION

**Health and Safety:** The product may cause irritation to sensitive skins, wash affected areas and remove clothing.

**Environmental:** The product contains mineral oil, which will not readily biodegrade in anaerobic conditions and therefore can be environmentally persistent. For further information, refer to Section 12 Ecological information.

#### 4. FIRST AID MEASURES

**Eyes:** Immediately wash eye thoroughly with plenty of clean water ensuring eyelids are held open. For contact with diluted fluid, obtain medical attention if irritation or redness persists, or as an additional precaution.

**Skin:** Following contact with the product, wash thoroughly with soap and water without delay. Remove heavily contaminated clothing. Wash / launder contaminated clothing before re-use. If irritation persists, obtain medical advice.

**Inhalation:** Not expected to be a problem.

**Ingestion:** DO NOT INDUCE VOMITING. Wash out mouth with water and obtain medical attention. Milk or water to drink may be beneficial. Treat symptomatically. If the product is aspirated into the lungs (e.g. during vomiting), send to hospital immediately.

**Note for Doctors:** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

Flammability: Carbon Dioxide, foam, dry chemical and water fog.

<b>Flash Point:</b>	182°C (Closed Cup)
<b>Auto ignition Temp:</b>	> +240°C
<b>Flammability Limits:</b>	Not Established

Extinguishing Media: Carbon Dioxide, foam, dry chemical and water fog

Products of Combustion: Combustion can produce carbon monoxide , hydrogen chloride, partially oxidised organic compounds

Special fire Hazards Large surface areas exposed to air / oxygen (e.g. oil-soaked rags, paper or absorbed spillages) may be easily ignited and these should be cleared up at once.

Special fire Fighting procedures Firefighters should wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Small spills Prevent entry to drains or watercourses. Spillages can be slippery. Soak in absorbent granules or sand.

Large spills Bind using absorbent granules, sand or earth.

Disposal of spillage Dispose of at an appropriate waste disposal facility in accordance to local regulations.

## 7. HANDLING AND STORAGE

Handling Avoid contact with eyes – wear protective gloves and chemical goggles when handling the product.

Storage Store in dry conditions protected from frost and elevated temperature. Store in original containers or in other mild steel or high-density polyethylene containers, which are closable and clearly labeled.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	The product does not have an established Occupational exposure (OES), Maximum Exposure Limit (MEL), however, the recommended Threshold Limit Value (TLV) is 5.00mg/3 for oil mist.
Eyes	Wear chemical goggles when handling the product or if there is a risk of splashing with the diluted product.
Skin	Wear impervious gloves when handling the undiluted product. Prolonged or repeated contact with metalworking fluids is often unavoidable – the use of appropriate skin protective and reconditioning creams may be beneficial, and gloves should be considered whenever their use is practical and safe. Change heavily contaminated clothing and overalls as soon as possible.
Inhalation	Respiratory protection is not normally required. However, suitable respiratory equipment should be provided for those operations which generate vapour, mists or fumes and where exposure cannot be adequately controlled by local exhaust ventilation or other means.
Industrial Hygiene	Adopt normal good working practices and personal hygiene standards. Wash hands after use, before eating, drinking, or smoking, and before and after using the toilet. Contaminated clothing should be laundered before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber Fluid
Typical density	0.8900 (@ 20°C)
Odour	Mild sulphur
Viscosity (cST @ 40°C)	30.5
Boiling point	not established
Flashpoint (ASTM D92)	182 C (COC)
Pour Point	-12 C
Vapour Density	Not Applicable(Air = 1)
Vapour pressure	Low (not measured)
Water solubility	insoluble

## 10. STABILITY AND REACTIVITY

Stability	This product is stable and unlikely to react in a hazardous manner under normal conditions of use.
Conditions to avoid	Extremes of temperature (preferably, store between 5 and 50 °C). Protect from frost. Do not heat above 60°C in the presence of aluminium as, in certain circumstances, hydrogen gas could be evolved.
Materials to avoid	Strong oxidising agents (e.g. chlorates, peroxides); strong acids. May soften some rubbers and other elastomeric sealing materials.

## Decomposition

products Thermal decomposition can produce a variety of compounds, the nature of which will largely depend on the conditions bringing about decomposition. Incomplete combustion or thermal decomposition may be expected to generate such materials as: particulate matter and unburnt hydrocarbons; oxides of carbon; oxides of nitrogen; traces of hydrogen sulfide; partially oxidised organic compounds; and other unidentified organic and inorganic compounds.

## 11. TOXICOLOGICAL INFORMATION

Eyes Eye contact with the product may cause irritation and stinging.

Skin Contact with the concentrate may cause and slight irritation.

Inhalation **Inhalation LC50:** Not established.

The product is unlikely to present any significant inhalation hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract.

Ingestion The product has a low order of acute oral toxicity – ingestion is not regarded as a significant health hazard likely to arise in normal use. Swallowing significant quantities may cause discomfort, nausea, irritation of digestive tract, and diarrhoea.

Chronic Toxicity There are no reports of long-term adverse toxic effects in man attributable to the use of this type of product.

Carcinogenicity No carcinogenic effects are normally anticipated with this type of product. All mineral oils incorporated in the product have been highly refined.

## 12. ECOLOGICAL INFORMATION

Environmental fate and effects: Not established.

Chemical Oxygen Demand (mg / L) No data

Water Insoluble in water.

Soil The product consists of mineral oil can have a potential to bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Note: All means of disposal should comply with local regulations.

Undiluted Product The product may be incinerated in suitable equipment and under controlled conditions. Alternatively, the product can be disposed of via an authorised person / licensed waste disposal contractor.

**14. TRANSPORT INFORMATION**

ADR Classification	Not classified as dangerous goods
UN Classification	Not classified
Marine Pollutant	yes
UN Shipping Name	Not classified as dangerous goods
UN Number	Not Applicable
UN Labels	Not Applicable
UN Pack group	Not Applicable
IMO / IMDG Class	Not classified as dangerous goods
IATA / CAO	Not classified as dangerous goods

**15. LABELLING INFORMATION**

Classification	Not Established
Risk Phrases	Not applicable

**16. OTHER INFORMATION**

Oilflow believes that this information is correct at date of publication but does not warrant the accuracy thereof. The use of the product designated herein will be at the sole risk of the user and OILFLOW will not accept any liability for any loss or damage, howsoever caused by or arising from the use of this information of the use, application, adaptation or processing of the product described herein or its use in combination with any product, material or in any process.