

**SAFETY DATA SHEET**  
**K DRAW 3 & K DRAW 3 CLEAR**  
**GB Current 02.08.1997**

SAFETY DATA SHEET Ref No. 10105

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL K DRAW 3 &amp; K DRAW 3 CLEAR</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**

**General:** Blend of highly refined mineral oils with additives.

**3. HAZARD IDENTIFICATION**

This product is not classified as hazardous under current UK Health & Safety & Environmental Legislation when used in the application for which it is intended.

However, prolonged or extensive skin contact with the product may result in skin disorders.

The risk of skin disorders may be increased if the product has become contaminated.

Contamination with metal fines will increase the likelihood of skin irritation occurring.

Rapidly rotating machinery such as is used in certain metal operations may promote the formation of oil mists. Please refer to section 8 of this document.

**4. FIRST AID MEASURES**

<b>Pressure injection</b>	Always obtain immediate medical attention even though the injury may appear minor.
<b>First Aid - Eyes</b>	Irrigate immediately with copious quantities of water. If irritation persists, seek medical advice.
<b>First Aid - Skin</b>	Wash thoroughly with soap and water.
<b>First Aid - Ingestion</b>	DO NOT induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet.
<b>First Aid - Inhalation</b>	Remove to fresh air. If effects persist, seek medical advice.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Foam, dry powder, CO <sub>2</sub> . Use water fog to cool fire exposed surfaces.
<b>Flammability</b>	Product not classified as flammable but is inherently combustible.
<b>Flash point (°C pmcc)</b>	180 min
<b>Products of combustion</b>	Mainly oxides of carbon with hydrogen chloride.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition.
<b>Environmental precautions</b>	Prevent entry into drains, sewers and water courses.
<b>Decontamination procedures</b>	Soak up with inert absorbent or contain and remove by pumping or best available means. In case of a spillage on water contain by a boom and collect by skimming or absorption.

## **7. HANDLING AND STORAGE**

Keep containers tightly closed.  
Store drums undercover in racking protected from mechanical impact. If stored outside ingress of water should be avoided e.g. by placing containers on their side.  
Avoid sources of ignition.  
A bunded storage area may be required.  
Compatible with most common metals.  
May soften certain rubbers.  
If the product is to be heated avoid direct high temperature heat sources.  
Provide suitable mechanical equipment for the safe handling of drums and heavy packages.  
Storage temperature: 0-40<sup>0</sup>C

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

<b>Occupational exposure limits</b>	<b><u>Substance</u></b>	<b><u>8 hr TWA</u></b>	<b><u>STEL</u></b>	<b><u>Source/ Other information</u></b>
	Mineral oil (see oil mist, mineral)	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	EH 40
<b>Engineering Control</b>	Local exhaust ventilation is recommended when excessive product misting occurs.			
<b>Personal Protection</b>	Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	K DRAW 3 CLEAR K DRAW 3	Clear pale brown fluid Clear red fluid
<b>Odour</b>		Characteristic
<b>Flash Point (°C)</b>		180 min
<b>Explosion Properties (%)</b>		N/A
<b>Solubility in Water</b>		Insoluble
<b>Relative Density @ 20<sup>0</sup>C</b>		0.970
<b>Viscosity @ 40<sup>0</sup>C (mm<sup>2</sup>s<sup>-1</sup>)</b>		25.14
<b>Boiling point / range (°C)</b>		200 min
<b>Pour point / melting point (°C)</b>		Not determined
<b>Autoflammability (°C)</b>		Autoignition temperature above 230
<b>Fat solubility</b>		Not determined

PLEASE NOTE THAT THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable, will not polymerise
<b>Conditions to avoid</b>	Temperatures (°C) above 100 <sup>0</sup> C
<b>Materials to avoid</b>	Strong oxidising agents
<b>Hazardous decomposition products</b>	Irritant fumes. <u>Do not</u> breathe products of decomposition

## 11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the products components.

### **HEALTH EFFECTS:**

<b>On eyes:</b>	May cause transient irritation
<b>On skin:</b>	Unlikely to cause harm on brief or occasional contact
<b>By inhalation:</b>	Low volatility makes inhalation unlikely at ambient temperatures
<b>By ingestion:</b>	May cause nausea, vomiting and diarrhoea
<b>Chronic:</b>	Repeated and prolonged skin contact may lead to skin disorders
<b>Other:</b>	Products which have become contaminated in use or from external sources may present more serious health effects

## 12. ECOLOGICAL INFORMATION

**Biodegradability <50% (CEC L-33-T-82) Chemical Oxygen Demand (mgO<sub>2</sub>/l) Not determined**

Mineral oils are inherently but not readily biodegradable.

Leaching and penetration of mineral oils through surface soils is generally regarded as resulting in long Term persistence. Fresh or used mineral oils may be harmful to aquatic life.

### **13. DISPOSAL**

Place used and contaminated materials / packaging in suitable containers. Dispose of the controlled waste in Accordance with Duty of Care regulations (Environmental Protection Act 1990 – Section 34(7) using a licensed waste disposal company.

### **14. TRANSPORT INFORMATION**

<b>Classification for transport:</b>	Not classified as dangerous substance for transport on UK mainland.
<b>UN Number</b>	N/A
<b>Packaging group</b>	N/A
<b>IMO Class</b>	N/A
<b>Marine pollutant</b>	N/A
<b>ADR / RID</b>	N/A
<b>Shipping Name</b>	N/A
<b>ICAO / IATA</b>	N/A

### **15. REGULATORY INFORMATION**

<b>Hazard label data</b>	This product is not classified as dangerous for supply in the UK
<b>EC Directives</b>	Framework Waste Directive, 91/156/EEC Waste Oil Directive, 87/101/EEC
<b>Statutory Instruments</b>	The Health & Safety at Work etc Act 1974 Consumer Protection Act 1987 Environmental Protection Control of Substances Hazardous to Health Regulations 1988 Chemicals (Hazard Information and Packaging) Regulations 1993

### **16. OTHER INFORMATION**

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet of any precautions which should be taken.

**Approved Codes of Practice:** Waste Management. The Duty of Care.

**Guidance Notes:** Occupational skin diseases: health & safety precautions (EH 26)  
Occupational exposure limits (EH 40)  
The carcinogenicity of mineral oils (EH 58)  
Skin Cancer caused by oil (MS (B) 5)  
Save your skin! – Occupational Contact Dermatitis (MS (B) 6)  
Dermatitis – cautionary notice (SHW 367)  
Effects of mineral oil on the skin (SHW 397)  
Metalworking fluids – Health Precautions (EH 62)  
Code of Practise for Metalworking Fluids (Institute of Petroleum)