

SAFETY DATA SHEET
GLOBAL CROWNLUBE 220 SGL
10040 GB Current 01.10.1998

SAFETY DATA SHEET Ref No.

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	CROWNLUBE 220 SGL
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 3638
Emergency Phone Number	+44 (0) 410 754382

2. COMPOSITION/INFORMATION ON THE COMPONENTS

General	Synthetic base stocks, extreme pressure additives
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3. HAZARD IDENTIFICATION

This product is not classified as hazardous under current UK Health and Safety and 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.

3. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry powder, CO ₂ . Use water fog to cool fire exposed surfaces.
Flammability	Product not classified as flammable but is inherently combustible.
Flash Point (°C, pmcc)	190 min
Products of Combustion	Mainly oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Decontamination Procedures	Soak up with inert absorbent or contain and remove by pumping or best available means. In case of spillage on water contain by a boom and collect by skimming or absorption.

7. HANDLING AND STORAGE

Keep containers tightly closed
Store drums under cover 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°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control	Local exhaust ventilation is recommended when excessive product misting occurs.
Personal Protection	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

Physical State	Clear straw coloured fluid
Odour	Characteristic
Flash Point (°C)	190 min
Solubility in Water	Insoluble.
Fat Solubility	N/D
Relative Density @ 15.5°C	0.852
Kinematic Viscosity @ 40°C	218.67
Pour Point / Melting Point	N/D
Explosive Properties %	N/D
Boiling Point Range °C	N/D
Auto flammability °C	>250°C

PLEASE NOTE THAT THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION.

10. STABILITY AND REACTIVITY

Stability	Stable will not polymerise.
Conditions to Avoid	temperatures (°C) above 100°C.
Materials to Avoid	Strong oxidising agents.
Hazardous Products	Irritant fumes. Do not 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

On eyes	May cause transient irritation
On skin	Unlikely to cause harm on brief or occasional contact.
By Inhalation	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion	May cause nausea, vomiting and diarrhoea.
Chronic	Repeated and prolonged skin contact may lead to skin disorders.
Other	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 (mgO₂/l):** Not determined

Synthetic oils are inherently but not readily biodegradable.
Leaching and penetration of synthetic oils through surface soils is generally regarded as resulting in long Term persistence.
Fresh or used synthetic 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

Classification for transport	Not classified as hazardous for transport
UN Number	N/A
ADR/RID	N/A
Packaging Group	N/A
Shipping Name	N/A
IMO Class	N/A
Marine Pollutant	NO
ICAO/IATA	N/A

15. REGULATORY INFORMATION

Hazard Label Data	This product is not classified as dangerous for supply in the UK
EC Directives	Framework Waste Directive 91/156/EEC Waste Oil Directive 87/101/EEC
Statutory Instruments	The Health and Safety at Work Act 1974 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health Regulations 1988 Chemicals (Hazard Information and Packaging) Regulations 1993

16. ADDITIONAL 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 and of any precautions which should be taken.

Approved Codes of Practise

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)

The above publications are available from HMSO and HSE Sources.