

SAFETY DATA SHEET

LAST REVISION DATE

04/09/01

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

NAME OF MANUFACTURER/SUPPLIER:

ADDRESS: CLARKE INTERNATIONAL
HEMNALL STREET
EPPING
ESSEX
CM16 4LG

BUSINESS TEL NO: 01992 565300
BUSINESS FAX NO: 01992 561562
HEALTH & SAFETY EMERGENCY TELEPHONE NO: 01325 488550

PRODUCT NAME: CLARKE CHAINSAW OIL
PRODUCT TYPE: CLARKE CHAIN LUBRICATING OIL

APPLICATION: CHAINSAW BLADES
VISCOSITY GRADE: ISO VG 100
QUALITY LEVEL: na

2. COMPOSITION/INFORMATION ON INGREDIENTS

GENERAL: A BLEND OF HIGHLY REFINED MINERAL OILS WITH ANTI-WEAR
CORROSION AND OXIDATION INHIBITORS, WITH ADDED
TACKIFIER

3. HAZARDS 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.

SEE ALSO OTHER INFORMATION SECTION 11

4. FIRST AID MEASURES

EYES: IRRIGATE IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION PERSISTS, SEEK
MEDICAL ATTENTION.

SKIN: WASH THOROUGHLY WITH SOAP & WATER.

INHALATION; REMOVE TO FRESH AIR. IF EFFECTS PERSIST, SEEK MEDICAL ADVICE.

INGESTION: DO NOT INDUCE VOMITING. WASH MOUTH OUT WITH SOAP & WATER. OBTAIN IMMEDIATE
MEDICAL ATTENTION, SHOWING THIS SHEET.

PRESSURE INJECTION: ALWAYS OBTAIN IMMEDIATE MEDICAL ATTENTION EVEN THOUGH THE INJURY
MAY APPEAR MINOR.

5. FIRE FIGHTING MEASURES

FLAMMABILITY: PRODUCT NOT CLASSIFIED AS FLAMMABLE, BUT IS INHERENTLY
COMBUSTIBLE.

FLASH POINT (DEGC, PMCCC): >320 DEG C

EXTINGUISHING MEDIA: USE FOAM, DRY POWDER, CO2. USE WATER FOG TO COOL FIRE
EXPOSED SURFACES

PRODUCTS OF COMBUSTION: CARBON DIOXIDE, CARBON MONOXIDE, WATER PARTICULATE
MATTER, POLYCYCLIC AROMATIC HYDROCARBONS, UNBURNT

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HYDROCARBONS, UNIDENTIFIED ORGANIC AND INORGANIC COMPOUNDS.

6. ACCIDENTAL RELEASE MEASURERS

PERSONAL PRECAUTIONS: SPILT PRODUCT PRESENTS A SIGNIFICANT SLIP HAZARD. AVOID EXPOSURE OF THE PRODUCT TO SOURCES OF IGNITION.

ENVIRONMENTAL PRECAUTIONS: PREVENT ENTRY INTO THE DRAINS, SEWERS AND WATER COURSES.

DECONTAMINATION PROCEDURES: SOAK UP WITH INERT ABSORBENT OR CONTAIN & REMOVE BY PUMPING OR BEST AVAILABLE MEANS. IN CASE OF SPILLAGE ON WATER, CONTAIN BY A BOOM & COLLECT BY SKIMMING OR ABSORPTION.

7. HANDLING & STORAGE

KEEP CONTAINERS TIGHTLY CLOSED

STORE DRUMS UNDERCOVER IN RACKING PROTECTED FROM MECHANICAL IMPACT. IF STORED OUTSIDE, INGRESS OF WATER SHOULD BE AVOIDED, EG BY PLACING CONTAINER ON 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 & HEAVY PACKAGES.

STORAGE TEMPERATURE: NOMINAL

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	SUBSTANCE	8 HOUR TWA	STEL	SOURCE/OTHER INFO
	MINERAL OIL	5MG/M3	10MG/M3	EH40

ENGINEERING CONTROL MEASURES:
LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN EXCESSIVE PRODUCT MISTING OCCURS.

PERSONAL PROTECTION:
AVOID SKIN & EYE CONTACT. WEAR IMPERVIOUS GLOVES (EG OF PVC) IN CASE OF REPEATED OR PROLONGED CONTACT. CHANGE CONTAMINATED CLOTHING & THOROUGHLY CLEAN BEFORE RE-USE.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	PALE/DARK AMBER
ODOUR:	CHARACTERISTIC MINERAL OIL
BOILING POINT/RANGE	>280 DEGC
POUR POINT/MELTING POINT:	-27 DEGC
FLASH POINT (CLOSED, DEGC):	210 DEGC
FLAMMABILITY LIMITS:	UPPER: 10% VOL LOWER: 1% VOL
RELATIVE DENSITY (@20 DEGC):	0.876
WATER SOLUBILITY:	VERY LOW

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FAT SOLUBILITY: NOT AVAILABLE
KINEMATIC VISCOSITY @ 40 DEGC (CST) 100

PLEASE NOTE THAT THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION.

10. STABILITY AND REACTIVITY

STABILITY: STABLE, WILL NOT POLYMERISE.
CONDITIONS TO AVOID: EXTREMES OF TEMPERATURE
MATERIALS TO AVOID: STRONG OXIDISING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: IRRITANT FUMES. DO NOT BREATHE PRODUCTS OF DECOMPOSITION.

11. DISPOSAL CONSIDERATIONS

PLACE USED AND CONTAMINATED MATERIALS/PACKING IN A SUITABLE CONTAINER. 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.

12. TOXICOLOGICAL INFORMATION

THE FOLLOWING TOXICOLOGICAL ASSESSMENT IS BASED ON ACKNOWLEDGE OF THE TOXICITY OF THE PRODUCTS COMPONENTS. ESTIMATED ORAL LD50, RAT>2G/KG:

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 & DIARRHOEA.
CHRONIC: REPEATED & PROLONGED SKIN CONTACT MAY LEAD TO SKIN DISORDERS.
OTHER: THE MAIN HAZARDS ARE, IN THE UNLIKELY EVENT OF INGESTION, ASPIRATION INTO THE LUNGS WITH POSSIBLE RESULTANT CHEMICALLY INDUCED PNEUMONIA.

13. ECOLOGICAL INFORMATION

BIODEGRADABILITY: >50% (CED L-33-T-82)
CHEMICAL OXYGEN DEMAND (MG O2/1): NOT DETERMINED.

MINERAL OILS ARE INHERENTLY BUT NOT READILY BIODEGRADABLE.

LEACHING & 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.

14. TRANSPORT INFORMATION

CLASSIFICATION FOR TRANSPORTATION: NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT.

UN NUMBER:	N/A	PACKAGING GROUP:	N/A
SHIPPING NAME:	N/A	MARINE POLLUTANT:	NO
IMO CLASS:	N/A	ICAO/IATA:	N/A
ADR/RID:	N/A		

15. REGULATORY INFORMATION

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HAZARD LABEL DATE: THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR SUPPLY IN THE UK.

EC DIRECTIVES: FRAMEWORK WASTE DIRECTIVE, 91/156/EEC

STATUTORY INSTRUMENTS:

THE HEALTH & SAFETY AT WORK ACT 1974
CONSUMER PROTECTION ACT 1987
ENVIRONMENTAL PROTECTION ACT 1987
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 APPLICATIONS. THE PRODUCT IS NOT SOLD AS SUITABLE FOR ANY OTHER APPLICATIONS. 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 PRACTICE: WASTE MANAGEMENT. THE DUTY OF CARE.

GUIDANCE NOTES: OCCUPATIONAL SKIN DISEASES: HEALTH & SAFETY PRECAUTIONS (EH 26)
OCCUPATIONAL EXPOSURE LIMITS (EH40)
THE CARCINOGENICITY OF MINERAL OILS (EH58)
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]

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