



MORRIS

LUBRICANTS

Morris Hydraulic
Compressor and
Chain Oil
Page 1 of 4
Number 200
Revision: 1

Castle Foregate, Shrewsbury, Shropshire SY1 2EL
Telephone (01743) 232200 Fax (01743) 353584

fiac 100

SAFETY DATA SHEET

1. PRODUCT INFORMATION

Product name Morris Hydraulic, Compressor and Chain Oils: Liquimatic, Triad, Hydrotip, Tempo Range, Croma Range, Arcato (ISO & 3CL), Liquimatic Taf Range, Liquimatic A Grades & Liquimatic HVI.

Company **Morris Lubricants**
Castle Foregate, Shrewsbury, SY1 2EL, United Kingdom.

Telephone No (+44) (0)1743 232200
Fax No (+44) (0)1743 353584

Emergency No UK. 01743 232200

2. COMPOSITION

Comprises a blend of highly refined mineral oils with anti-oxidant and corrosion inhibiting characteristics. Chain oils contain anti-fling additives.

Mineral oil EINECS No. 2651697 CAS.No. 64742-65-0

LABELLING: Not required

3. HAZARDS

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

Adverse health effects Repeated contact with the skin may result in skin irritation.

Other hazards The product can burn when strongly heated. Hazardous decomposition products may be formed.

4. FIRST AID MEASURES

Inhalation Remove from exposure. Seek medical help.

Skin contact Wash from skin using soap and water.

Eye contact Rinse with plenty of water for at least 10 minutes and seek medical attention if symptoms persist.

Ingestion Seek medical attention. **DO NOT INDUCE VOMITING**

Established 1869

Morris Lubricants is a division of Morris & Company Limited, Welsh Bridge, Shrewsbury

Registered in England No 185693



Morris Hydraulic
Compressor and
Chain Oils
Page 2 of 4
Number 200
Revision: 1

SAFETY DATA SHEET

5. FIRE-FIGHTING MEASURES

Product not classified as flammable, but is inherently combustible.

Extinguishing media	Use carbon dioxide, foam or water spray. Prevent water used in spray from entering watercourses.
Not to be used	Direct water jet.
Special fire fighting procedures	In the event of a large fire self-contained breathing apparatus should be worn.
WARNING	Heat from a fire could possibly result in drums bursting.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillage. Failure to contain the release should be notified immediately to the local waste authority. A spillage must be retrieved, if necessary with the help of absorbent material such as floor granules. Burn under controlled conditions or dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

7. HANDLING & STORAGE

Handling	This product is normally handled cold, precautions should be taken against skin contact.
Storage	Product is supplied in metal or plastic containers. Store away from sources of strong heat and strong oxidising chemicals.
Forbidden equipment	Some types of natural rubber will swell and deteriorate in contact with this product. The use of rubber equipment should generally be avoided.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Use engineering control methods to prevent or minimise aerosol and vapour generation.
O.E.S. 5mg/m³ (8hr T.W.A. value).

Personal protective equipment	
Respiratory protection	Use HSE approved respiratory protective equipment where significant aerosol or vapour is generated.
Eye protection	Wear protective safety spectacles when handling heated product.
Hand protection	Wear PVC gloves.



MORRIS

LUBRICANTS

Morris Hydraulic
Compressor and
Chain Oils
Page 3 of 4
Number 200
Revision: 1

Castle Foregate, Shrewsbury, Shropshire SY1 2EL
Telephone (01743) 232200 Fax (01743) 353584

SAFETY DATA SHEET

9. PHYSICAL & CHEMICAL PROPERTIES: typical data

Appearance at 20°C	Mobile Liquid
Odour	Oil
pH	neutral
Density at 15°C	0.86 to 0.89 g/cm ³
Viscosity at 100°C	See appropriate I.S.O value
Flash Point (ASTM D93)	greater than 150°C
Auto-ignition temperature (ASTM E659)	greater than 300°C (by analogy)
Explosion limits	not established
Vapour pressure 15°C	< 1 mbar (calculated)
Solubility	Insoluble in water Soluble in mineral oils and non-polar solvents.

10. STABILITY & REACTIVITY

Hazardous reactions None known

Thermal decomposition Slow decomposition above 250°C

Hazardous decomposition products which can be formed on heating: Carbon monoxide, carbon dioxide, oxides of nitrogen and sulphur.

11. TOXICOLOGICAL INFORMATION

LD50 (rats) greater than 5000mg/Kg: by analogy to findings on products with a similar composition.

This preparation is not classified as dangerous under EEC Directive 88/379/EEC

12. ECOLOGICAL INFORMATION

On the basis of operating experience it is considered unlikely to penetrate deeply into the soil, which, together with low solubility in water, makes a contamination of the sub-soil unlikely.

Mineral Oils are inherently but not readily biodegradable. Fresh or used mineral oils may be harmful to aquatic life.

Established 1869

Morris Lubricants is a division of Morris & Company Limited, Welsh Bridge, Shrewsbury

Registered in England No 185693



Morris Hydraulic
Compressor and
Chain Oils
Page 4 of 4
Number 200
Revision: 1

SAFETY DATA SHEET

13. DISPOSAL CONSIDERATION

Product is supplied in IBC, steel drums, tins and plastic containers. Seek advice from Local Waste Authority before disposing of product.

Product may be disposed of by burning under controlled conditions or by disposal at an appropriate waste disposal facility.

Under no circumstances should this product be disposed of by putting into drains, soil or water courses.

Compliance with Community/National provisions relating to waste must be adhered to when disposing of this product.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transport.

UN. number:	N/A	Packaging group:	N/A
Shipping name:	N/A		
IMO class:	N/A	Marine pollutant:	No
ADR/RID:	N/A	ICAO/IATA:	N/A

15. REGULATORY INFORMATION

This product is not classified as dangerous for supply in the UK.

Statutory Instruments	The Health & Safety at Work act 1974. Consumer Protection act 1987. Environmental Protection act 1990. COSHH Regulations 1988 CHIP Regulations 1993.
-----------------------	---

16. OTHER INFORMATION

The product is supplied as an hydraulic lubricant. Compressor Lubricant (Tempo), (Taf), Chain Lubricant (Croma).

17. AUDIT TRAIL

Original issued date	03.03.94
Revision : 1	
Change Date	15.05.95

This information is, to the best of Morris & Company's knowledge, correct and is intended to describe the product requirements. Since the conditions of use are outside Morris & Company's control any recommendations or suggestions are made without guarantee and Morris & Company disclaims any liability for loss or damage suffered from use of this information. Customers must satisfy themselves that the product is suitable for a particular purpose. Furthermore, nothing contained herein shall be constructed as a recommendation to use any product in conflict with existing patents.