

**SAFETY DATA SHEET**

(Conforms to EC Directive 91/155/EEC)

Date of first Issue:

June 1993

Revision Number: 1

Date:

11<sup>th</sup>. December 2000

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**1. Identification**      **Food Grade Machinery 100**      **Code: FDM100**  
**Commercial name:**    Food Grade Machinery Oil 100

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Emergency Telephone Number:    **01246 823007**

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2.      **Composition:**    A blend of synthetic esters, white oils and multifunctional additives.

CAS Registry number:      None

EINECS Number:            None

Risk phrases:                None required under current UK & EC legislation

Safety Phrases:             None required under current UK & EC legislation

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3.      **Hazards**                Not classified as dangerous

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4.      **First Aid Measures**

Eye contact:                Irrigate with plenty of cold water.

Skin contact:                Wash off with copious amounts of water.

Ingestion:                    If more than a few drops are swallowed give patient water to drink.  
Do not induce vomiting and seek medical advice.

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5.      **Fire Fighting Measures:**

Flammability                Combustible

Flash Point (oC PMCC)    190

Extinguishing Media:      Use foam,dry powder, CO2. Never use water.

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Protective Equipment for Fire-fighters:    Standard

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6.      **Accidental Release Measures:**    Contain spillages in sand or sawdust. Dispose of according to Local Regulations. If allowed to enter drains and/or water courses, alert Local Water Authority.

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7.      **Handling and Storage:**    Store under cover at a maximum temperature of 40oC

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### 8. Exposure Control and Personal Protection:

In accordance with good industrial practice handle using gloves/gauntlets and standard eye protection.

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### 9. Physical and Chemical Properties

(Test Method)

Physical form:	Fluid
Colour:	Yellow
Odour:	Mild
pH of aqueous solution:	N.A.
Pour Point:	-40oC
Melting Point:	N.A.
Viscosity:	100 cst @ 40oC
Flash Point:	190C
Flammability solid/gas:	N.A.
Autoflammability:	>250C
Explosive properties:	N.A.
Vapour Pressure:	N.A.
Density:	0.973
Water solubility:	Insoluble.
Other solubility:	Soluble in hydrocarbon solvents.
Bulk density:	N.A.
Partition Coefficient octanol/water:	N.A.
Other data:	

Explosion Limits: N.A.

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### 10. Stability and Reactivity

Thermal decomposition:	Stable under normal conditions of use.
Hazardous reactions:	None under normal conditions of use.

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### 11a. Toxicological Data

Oral:	Expected to possess a relatively low degree of acute oral toxicity. (LD 50 expected to be >2000 mg/kg)
Dermal:	Expected to be non-toxic by dermal route.
Inhalation:	N.A.

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11b. Toxic Effects

Skin: Expected to be essentially non-irritating.

Eye: Expected to be essentially non-irritating.

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12. Ecological Information

Biodegradation:

This lubricant is 60-70% biodegradeable after the standard 21 day test period of the CEC L-33-T82 test. If the test is allowed to continue it reaches ~80% in 28 days and approaches 100% in 45-50 days.

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13. Disposal Conditions: Dispose of according to a recognised method of chemical waste disposal.

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14. Transport Information

U.N. Number: N.A.

UN Name: Not assigned.

IMDG Code/Class: Non hazardous

ICAO/IATA (Air) Class: Non Hazardous

RID/ADR Class: Non hazardous

ADNR Class: Non hazardous

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15. Regulatory Information

Occupational Exposure Limits: N.A.

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16 Other Information:

For use as a foodsafe lubricant

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