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MICRO-LUBE LB-2000

1. Name of Substance, Preparation and Company

Trade name MICRO-LUBE HD 805-005

Producer/Supplier ADVANCED CARBIDE TOOLING LTD
SKETCHLEY MEADOWS BUSINESS PRK
HINCKLEY LEICS LE10 3EZ
phone: 01455 234000 fax: 01455 234022

Source of information as Above

Emergency inquiries as Above

2. Composition, Data of Components**Chemical characterization**

Triglyceride

Dangerous components

<u>CAS-No.</u>	<u>Designation</u>	<u>[weight-%]</u>	<u>Classification</u>
008002-13-9	Triglyceride		

Further information

The ingredients are ECOIN/EINECS listed

3. Hazards**Special hazards for humans and the environment**

No particular hazards

4. First Aid**General information**

none

5. Fire Fighting Measures**Appropriate fire-extinguishing media**Foam
Powder
CO₂
Sand**Inappropriate fire-extinguishing media for safety reasons**

water

Special hazards caused by the substance itself, by its combustion products or by generated gasesThermal decomposition will cause generation of Acrolein (Acrolein C₃H₄O)**Special safety equipment**

No particular measures required

Further information

Hold back fire extinguishing water

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6. Measures in case of unintentional release**Individual safety measures**

Particular danger of slipping caused by spilt product

Measures for the protection of the environment

Do not discharge into sewage or surface waters

Methods for cleaning/absorption

Take up with appropriate oil-binding materials

7. Handling and Storage**Information for safe handling**

At elevated temperatures danger of splashing in connection with water.

Information for fire and explosion protection

Danger of inflammation during welding on empty containers

Requirements for storage and containers

Prevent penetration into the ground

Storage together with other goods

Strong affinity with lipophile solvents

Storage class

none

8. Exposure Limiting and Individual Safety Measures**General Safety Measures**

Do not inhale fumes/vapours/aerosols

9. Physical and Chemical Properties**State of matter**

liquid

Colour

green

Odour

neutral, characteristic

Safety Data

	Value	Temperature	Method	Remarks
Pour point	< 0° C		DIN/ISO 3016	
Flash point	> 250° C		DIN/ISO 2592	
Self-flammability				when spread finely e.g. in bleaching earth, insulants or similar substances
Vapour pressure	< 1 mbar	20° C		
Density	0,92 g/cm ³	15° C	DIN 51757	

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	Value	Temperature	Method	Remarks
Solubility in water				insoluble
Solubility / other			in lipophile solvents	unlimited
Viscosity 1 kinematics	35 mm ² /s	40° C	DIN 51562	
Explosion hazard no explosion hazard				
10. Stability and Reactive Behaviour				
Conditions to be avoided No danger if used properly				
Dangerous products of decomposition Thermal decomposition will cause generation of Acrolein				
11. Toxicological Data				
Toxicological Tests (further information) non-toxic, foodlike				
12. Ecological Data				
Elimination (persistence and degradability)				
	Degree of elimination	Analytical methode	Method	Remarks
Biological Decomposability				good biological decomposability
Ecotoxic effects				
	Value	Species	Method	Remarks
Fish		fish		not reached
Behaviour in waste water treatment plants Please note restrictions for waste water				
13. Waste Disposal				
Waste code no.		Designation		
12 01 19		biologically readily decomposable processing oils		

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MICRO-LUBE LB-2000**Recommendation for the product**

In accordance with regulations, the waste disposal plant and the respective authorities this product can be disposed of by burning together with household waste

Recommendation for the packing

Empty contaminated containers and dispose of them in accordance with the container disposal within the mineral oil industry.

14. Transport Directions**Further information for transport**

No hazardous goods according to the following regulations: ADR/RID, GGVS/GGVE, ADN/ADNR, IMDG/GGvSee, ICAO/IATA-DGR.

15. Legal Regulations**Identification information**

According to EEC-regulations and regulations for hazardous substances no hazard warning label is required for this product.

Special identification of specific preparations

none

National regulations

Water pollution hazard class WK 1 (not hazardous)

16. Further Information

These statements are based on existing data and present knowledge.

They represent a description of our products regarding safety requirements and hence do not have the function of assuring certain properties.