



**SAFETY DATA SHEET**  
(Conforms to EC Directive 91/155/EEC)

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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:	Clear Liquid
Colour:	Straw
Odour:	Characteristic
pH of aqueous solution:	N.A.
Boiling Point:	>100C
Melting Point:	N.A.(pour point -12oC)
Viscosity:	22 cst @ 40oC
Flash Point:	>200C
Flammability solid/gas:	N.A.
Autoflammability:	>200C
Explosive properties:	N.A.
Oxidizing Properties:	N.A.
Vapour Pressure:	N.A.
Density:	0.870 – 0.880 @ 15.6oC
Water solubility:	N.A.
Other solubility:	N.A.
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. May cause nausea, vomiting and diarrhoea.  
Dermal: Expected to be non-toxic by dermal route.  
Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

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11b. Toxic Effects

Skin: Expected to be essentially non-irritating.

Eye: May cause transient irritation.

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12. Ecological Information

Biodegradation: <50% (CEC-L-33-T-82)

Mineral oils are inherently but not readily biodegradable. Leeching and 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.

WGK Class: WGK 1 or 2, Self classification.

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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: 3Z Lubricating Oil

ADNR Class: Non hazardous

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15. Regulatory Information

Risk Phrases: None required under current EC & UK legislation.

Safety Phrases: None required under current EC & UK legislation.

Occupational Exposure Limits:

OEL (Mineral oil mist) 5mg/m<sup>3</sup> (STEL)

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Other Information:

16. For use as a metalworking fluid

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