

SAFETY DATA SHEET

(Conforms to EC Directive 91/155/EEC)

Date of first Issue: Sept 1994
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Revision Number: 1

1. Identification **Azcut J21** **Code: AZCutJ21**
Commercial name: Azcut J21 Neat Cutting Oil

Emergency Telephone Number: **01246 823007**

2. **Composition:** A blend of highly refined mineral oil, chlorinated paraffin and alkyl esters derived from natural glycerides.

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

3. **Hazards** Not classified as dangerous under current Health & Safety and Environmental Legislation when used in the application for Which it is intended

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.

5. **Fire Fighting Measures:** Not considered flammable and does not constitute a fire hazard.

Extinguishing Media: Carbon dioxide, dry powder, sand, foam of water spray.

Protective Equipment for Fire-fighters: Standard

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.

7. **Handling and Storage:** Do not store in areas where food and drink are taken.

SAFETY DATA SHEET

(Conforms to EC Directive 91/155/EEC)

8. Exposure Control and Personal Protection:

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

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:	5 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.

10. Stability and Reactivity

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

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.

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.

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

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

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/m³ (STEL)

Other Information:

16. For use as a metalworking fluid
