



Safety Data Sheet For 04774 Air Tool Oil

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

Product Name Ultra AF22
Product Code H070

Relevant identified uses of the substance or mixture and uses advised against

Hydraulic oil. Do not use in any other application.

Emergency Telephone Number +44 (0) 121 568 6800 (Monday-Friday 08.30-17.00 hrs GMT)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Component	EC No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
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No hazardous ingredients present at a concentration at or exceeding the Declaration of Content Limit

3. HAZARDS IDENTIFICATION

3.1 Classification of the substance or mixture

Not classified as hazardous in accordance with CLP (EC 1272/2008) and DPD (1999/45/EC)

3.2 Label Elements

No labelling required

3.3 Other Hazards

Not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 DMSO test.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

Eyes

Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin

Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Ingestion

If contamination of the mouth occurs, wash out thoroughly with water.

Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No ill effects known

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Eye contact: immediately wash out with plenty of water

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Foam, dry powder or water fog. Water can be used to cool and protect exposed material.

5.2 Specific hazards arising from the substance or mixture

Toxic fumes may be evolved on burning or exposure to heat. See Stability and Reactivity, Section 10 of this Safety Data Sheet.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Water may cause splattering.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Immediately evacuate all personnel from danger area. Wear Personal Protective Equipment. Eliminate all sources of heat, sparks, pilot lights, static electricity and open flames. Spilled material may make surfaces slippery.

6.2 Environmental precautions

Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Protect drains using drain covers. Dispose of as hazardous waste.

6.4 Reference to other sections

Personal protective equipment: See section 8

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets. Use a suitable barrier cream at regular intervals.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of children.
Store under cover away from heat and sources of ignition.

7.3 Specific end use(s)

Intended for use as hydraulic oil.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Country
None

Substance

Long Term (8 Hours TWA)

Short Term (15 mins)

Exposure controls

Use local exhaust ventilation to control mists or vapours.
Hand Protection: Nitrile or neoprene protective gloves
Eye Protection: Safety glasses
Skin Protection: Protective clothing
Hygiene Measures: Wash thoroughly after handling this product

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Does not constitute a specification

Typical Values

Grades:

	Units	Ultra AF22
Appearance		Amber Liquid
Odour		Oily
Odour Threshold		No data available
pH		Not applicable
Pour point/range	°C	No data available
Initial boiling point and range	°C	No data available
Flash point (COC)	°C	197
Flammability		Not flammable
Upper/lower flammability or explosive limits		Not applicable
Vapour pressure	kPa (0.1 mm Hg)	No data available
Relative density	kg/m ³	0.871 @ 20°C
Solubility - water		Insoluble
Partition coefficient n-octanol/water	Log Pow	Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm ² /s mm ² /s	22.1 @ 40°C 4.29 @ 100°C
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		Not applicable
Oxidising properties		None

Other information

None

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reactions known

Chemical stability

Stable under normal conditions of use

Possibility of hazardous reactions

None known

Conditions to avoid

Avoid overheating.

Incompatible materials

Avoid contact with strong oxidising agents

Hazardous decomposition products

Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

Oral	No toxic components present at levels to cause classification.
Inhalation	No toxic components present at levels to cause classification.
Dermal	No toxic components present at levels to cause classification.

Corrosivity/Irritation

Eye	No components present that cause classification as an eye irritant.
Skin	No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin.
Respiratory Tract	No components present that cause classification as a respiratory irritant.
Sensitisation	
Skin	No evidence of sensitisation effects
Respiratory	No evidence of sensitisation effects.
Repeated-dose Toxicity	No data available
Mutagenicity	No evidence of mutagenicity.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive Toxicity	No evidence of reproductive toxicity.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired

12.2 Persistence and Degradability

Not biodegradable.

12.3 Bioaccumulative Potential

There is no evidence to suggest bioaccumulation will occur.

12.4 Mobility in Soil

Spillages may penetrate the soil causing ground water contamination. Non-volatile.

12.5 Results of PBT and vPvB Assessment

No PBT or vPvB chemicals present.

12.6 Other Adverse Effects

None known.

13. DISPOSAL RECOMMENDATIONS**Waste Treatment Methods**

Where possible, arrange for product to be recycled.

Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

Chemical Safety Assessment

No formal chemical safety assessment has been carried out.

16. OTHER INFORMATION**Full text of classification data in sections 2 and 3**

None

Legal Disclaimer:

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose