



SAFETY DATA SHEET SHELL ONDINA OIL 927

According to Regulation (EC) No 1907/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	SHELL ONDINA OIL 927
PRODUCT NO.	12-40
APPLICATION	Cutting oil
SUPPLIER	Ebor Equipment Ltd Trans Pennine Trading Estate Gorrels Way Rochdale Lancashire OL11 2PX Tel: 01706 863600 Fax: 01706 869860 general.enquiries@ebor.co.uk
EMERGENCY TELEPHONE	01706 863600 Monday - Thursday 08:30 - 17:00 hours Friday 08:30 - 16:00 hours

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

HUMAN HEALTH

See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HIGHLY REFINED WHITE MINERAL OIL	232-455-8	8042-47-5	100%	-

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The highly refined mineral oil contains < 3% w/w DMSO extract, according to IP346.

4 FIRST-AID MEASURES

INHALATION

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION

May cause discomfort if swallowed. **DO NOT INDUCE VOMITING!** Rinse mouth thoroughly. Get medical attention immediately! Risk of chemical pneumonia after aspiration.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking. Promptly wash contaminated skin with water. Promptly remove clothing if soaked through and wash the skin with water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

May irritate eyes. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Small fires: Dry chemicals, sand, dolomite etc. Larger fires: Foam. Water spray, fog or mist. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

SHELL ONDINA OIL 927**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment.

SPILL CLEAN UP METHODS

Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

No specific usage precautions noted.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 0°C and 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
HIGHLY REFINED WHITE MINERAL OIL	WEL		5 mg/m3 (Oil mist)		10 mg/m3 (Oil mist)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Mild Hydrocarbon		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	> 280°C (typical)	MELTING POINT (°C)	-21°C (typical)
RELATIVE DENSITY	0.867 @ 15°C	VAPOUR DENSITY (air=1)	> 1
VAPOUR PRESSURE	< 0.5 (estimated) kPa @ 20°C	VISCOSITY	31 mm ² /s @ 20°C
FLASH POINT (°C)	205°C	AUTO IGNITION	> 320°C
FLAMMABILITY LIMIT - LOWER(%)	1.0%	TEMPERATURE (°C)	
PARTITION COEFFICIENT (N-Octanol/Water)	Expected to be > 6	FLAMMABILITY LIMIT - UPPER(%)	10%

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

SHELL ONDINA OIL 927**CONDITIONS TO AVOID**

Extremes of temperature.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTSFire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x). Hydrocarbons.**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 > 2, 000 mg/kg (oral rat)

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed. Risk of chemical pneumonia after aspiration.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Splashes may irritate.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

BIOACCUMULATION

The product contains potentially bioaccumulating substances.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN NO. ROAD .

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

NC Not classified.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION COMMENTS

Re-issued in accordance with Regulation (EC) No. 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

ISSUED BY

HS&E Manager.

REVISION DATE 06-2008

REV. NO./REPL. SDS GENERATED 8 / 04-2007

RISK PHRASES IN FULL

NC Not classified.