

Safety Data Sheet



1. Identification of the substance/preparation and company

Product Name: Clear Penetrating Oil
Product Number: CPO400
Application: Thread-cutting lubricant
Supplier: SWA Ltd
Abbey Mills
Charfield Road
Wotton-Under-Edge
Glos GL12 8RL
+44 (0) 1453 844 333 (Tel)
+44 (0) 1453 842 224 (Fax)

2. Composition

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	<1%	Xn;R20/21/22 Xi;R36/38
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
ISOBUTANE	200-857-2	75-28-5	5-10%	F+; R12
ODOURLESS KEROSENE	265-149-8	64742-47-8	30-60%	Xn;R65. R66

The full text for all R-Phrases are displayed in section 16.

3. Hazards Identification

Extremely flammable. Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION F+;R12, R66.

ENVIRONMENT

This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment.

PHYSICAL AND CHEMICAL HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

HUMAN HEALTH

Gas or vapour is harmful on prolonged exposure or in high concentration. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

4. First Aid Measures

GENERAL INFORMATION

Move the exposed person to fresh air at once.

INHALATION

In case of inhalation of spray mist: Move person to fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11. Toxicological Information

GENERAL INFORMATION

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

INHALATION

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

SKIN CONTACT

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNING

In high concentrations, vapours and aerosol mists may have a narcotic effect and may cause headache, fatigue, dizziness, nausea. Arrhythmia (deviation from normal heart beat).

ROUTE OF ENTRY

Inhalation.

TARGET ORGANS

Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS

Arrhythmia (deviation from normal heart beat). Vapours may cause drowsiness and dizziness.

12. Ecological Information

ECOTOXICITY

No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

13. Disposal Considerations

GENERAL INFORMATION

Do not puncture or incinerate even when empty.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Empty containers must not be burned because of explosion hazard.

14. Transport Requirements

GENERAL

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities.

Aerosols not so packed and labelled must show the following:



UK ROAD CLASS	2		
PROPER SHIPPING NAME	Aerosols		
UN NO. ROAD	1950	UK ROAD PACK GR.	Not applicable
ADR CLASS NO.	2, 5F	ADR CLASS	Class 2.1: Flammable gases
ADR PACK GROUP	Not applicable	HAZARD NO. (ADR)	23 Flammable gas.
ADR LABEL NO.	3	CEPIC TEC(R) NO.	20G53
RID CLASS NO.	2	RID PACK GROUP	Not applicable
UN NO. SEA	1950	IMDG CLASS	2.1
IMDG PAGE NO.	2102	IMDG PACK GR.	Not applicable
EMS	2-13	UN NO. AIR	1950
AIR CLASS	2.1	AIR PACK GR.	Not applicable

15. Regulatory Information

LABELLING



Extremely Flammable

RISK PHRASES

R12 Extremely Flammable
R66 Repeated exposure may cause skin dryness or cracking

SAFETY PHRASES

S2 Keep out of the reach of children
S16 Keep away from sources of ignition – No smoking
S51 Use only in well-ventilated areas
U1 Do not breathe vapour or spray

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations 2001/58/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th Edition 1999.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

16. Other Information

SDS NO.	10788
SAFETY DATA SHEET STATUS	Approved
DATE	31.03.2005
RISK PHRASES IN FULL	
R12	Extremely flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.