

SAFETY DATA SHEET
Clear Penetrating Oil

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

Trade Name -	Clear Penetrating Oil
Supplier:	Chemical Solutions 42 Kennel Lane Fetcham Surrey KT22 9PJ 0870 2408893

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components Conc. CAS Risks EINECS

Butane 10-20% 106-97-8 F+;R12 203-448-7

Distillates (Petroleum), Hydrotreated Light; Kerosine 40-50% Xn;R65 Xi;R66

Methyl isobutyl carbinol 1-10% 108-11-2 Xi;R37 203-551-7

(Z-)-N-methyl-N-(1-oxo-9-octadecenyl)-glycine 0-0.5% 110-25-8 Xi;R38 Xi;R41
N;R50/53 203-749-3

Isopropylamine C10-14 Alkyl Benzene Sulphonate 1-10% Xn;R22 Xi;R38 Xi;R41

3. HAZARDS IDENTIFICATION

Most important hazards Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.

4. FIRST AID MEASURES

Skin contact May cause skin irritation in susceptible persons. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Eye contact May cause eye irritation with susceptible persons. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Inhalation Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Move to fresh air. Consult a physician after significant exposure.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Consult a physician if necessary.

General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂). Alcohol-resistant foam.

Specific hazards Extremely flammable. Flash back possible over considerable distance. Vapours may form explosive mixture with air.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. Use personal protective equipment.

Environmental precautions

Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Ensure all equipment is electrically grounded before beginning transfer operations. Keep away from sources of ignition - No smoking.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep away from food, drink and animal feedingstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Butane WEL 8-hr limit ppm: 600

WEL 15 min limit ppm: 750

WEL 8-hr limit mg/m³: 1450

WEL 15 min limit mg/m³: 1810

4-Methylpentan-2-ol WEL 8-hr limit ppm: 25

WEL 15 min limit ppm: 40

WEL 8-hr limit mg/m³: 106

WEL 15 min limit mg/m³: 170

Engineering measures Ensure adequate ventilation, especially in confined areas.

Respiratory protection Wear self contained breathing apparatus for fire fighting if necessary.

Hand protection PVC or other plastic material gloves.

Eye protection Goggles.

Skin and body protection Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Aerosol.

Colour Amber.

Odour Solvent.

Flash point -20°C

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Conditions to avoid Heat, flames and sparks.
Materials to avoid Incompatible with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

General Information Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN-No 1950 **Packing group** -

Class 2 Hazard ID -

Proper shipping name

AEROSOLS

IMDG-Code UN-No 1950 **Packing group** -

Class 2 Marine pollutant .

EmS F-D S-U

IATA-DGR

UN-No 1950 **Packing group** -

Class 2 Sub-risks see SP63

15. REGULATORY INFORMATION

Labelling The product is classified and labelled in accordance with Directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.

Symbol(s) F+ - Extremely flammable; Xi - Irritant

R-phrase(s) R12 - Extremely flammable.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 - Repeated exposure may cause skin dryness or cracking.

S-phrase(s) S 2 - Keep out of the reach of children.

S16 - Keep away from sources of ignition - No smoking.

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

S29 - Do not empty into drains.

S37 - Wear suitable gloves.

S51 - Use only in well-ventilated areas.

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R12 - Extremely flammable.

R22 - Harmful if swallowed.

R37 - Irritating to respiratory system.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

R66 - Repeated exposure may cause skin dryness or cracking.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The 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, unless specified in the text.