

## **PENETRATING FLUID**

**Product Code: WOPF**

### **DESCRIPTION**

An advanced type of dewatering fluid consisting of dewatering, penetrating and protective chemicals carried in a purified paraffinic hydrocarbon base.

May be used to dewater engines and machinery after cleaning, with emulsifiable cleaners. Has powerful penetrating and releasing properties for rusted bolts and so on. Dries out to leave a thin, protective film, which also improves the appearance of treated parts.

Will normally displace water from clean metal within seven seconds.

### **DIRECTIONS**

Do not spray, or brush, onto a hot surface. For engine treatment, clean with an emulsifiable cleaner such as our L529/2 and rinse off with water. Spray, or brush on product until a thin layer has displaced all water. Allow to dry (usually about one hour).

To release seized parts, spray, or brush on and allow to soak in, before proceeding to remove the part.

For general lubrication and preservation, apply a small quantity as necessary.

### **HEALTH & SAFETY**

R10 Flammable.

S51 Use only in well ventilated areas.

S23 Do not breathe spray.

S24/25 Avoid contact with skin and eyes.

Store in a cool, dry place protected from frost and away from acids, strong oxidising agents and sources of ignition.

S2 Keep out of reach of children.

### **CATEGORY**

WORKSHOP

U N PACKAGING GROUP III

## PRODUCT SAFETY DATA SHEET

### (1) IDENTIFICATION

Product: PENETRATING FLUID

Product code: WOPF

Supplier: Starbrite Chemicals, X L House, Rutherford Way,  
Crawley, West Sx RH10 2PB

Tele: 01293 434250

Fax: 01293 434252

### (2) COMPOSITION/INFORMATION ON INGREDIENTS

Refined hydrocarbon solvent	50-80%	
Purified paraffinic hydrocarbon	15-30%	
Surfactant		0-1%
Reodorant		0-1%

Active content: 100% nominal.

### (3) HAZARDS IDENTIFICATION

EYE CONTACT: Will cause irritation.

SKIN CONTACT: Prolonged or repeated contact may cause irritation and dryness.

CONTACT WITH RESPIRATORY SYSTEM: Not a hazard in normal use. Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

FLAMMABILITY: Flammable.

OTHER: Not applicable.

### (4) FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance at once.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water.

INHALATION: In case of overexposure remove to fresh air, keep warm and at rest. Seek medical attention immediately.

INGESTION: Do not induce vomiting. Give 200-300 ml of water to drink and seek medical assistance immediately.

### (5) FIRE FIGHTING MEASURES.

Use foam, dry powder or CO<sub>2</sub>.

### (6) ACCIDENTAL RELEASE MEASURES

Take the necessary precautions to prevent contact. Shut off leaks if this can be done without personal risk. Contain the spillage if possible. Keep the area clear. Absorb using sand or other inert material and transfer to suitable containers for disposal.

Observe Local Authority regulations.

### (7) HANDLING & STORAGE

Store in a cool, dry place, protected from frost and away from acids, strong oxidising agents and sources of ignition.

### (8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

EYE PROTECTION: Wear eye protection if splashing is likely.

HAND PROTECTION: Wear impervious gloves.

BODY PROTECTION: As necessary to prevent contact.

RESPIRATORY PROTECTION: Use in a well ventilated area with properly adjusted equipment. Avoid breathing vapour/spray.

OTHER PROTECTIVE MEASURES: Not applicable.

### (9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless to pale straw liquid.

Odour: Characteristic, solvent

pH 1% in water (typical): Not applicable.

Boiling point: 145 oC

Melting Point: Not applicable.

Flash point: 40oC typical.

Auto-ignition temp: 230oC

Explosive properties: Not applicable.

Oxidising properties: None.

Vapour pressure: 4 mm HG at 20 oC

Relative density at 20 oC (typical): 0.795

Solubility: Immiscible in water.

Viscosity: Free flowing.

### (10) STABILITY AND REACTIVITY

Hazardous reactions: Incompatible with strong oxidising agents and acids.

Hazardous decompositions products: None known.

Hazardous polymerisation: Will not occur.

Stability: Stable.

### (11) TOXICOLOGICAL INFORMATION

Eye contact: Will cause irritation.

Skin contact: Prolonged or repeated contact may cause irritation and dryness.

Inhalation: Not a hazard in normal use. Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

Ingestion: Moderate toxicity. Will cause irritation of gastro-intestinal tract. Will cause irritation of gastro-intestinal tract.

Long term: Ingredients are not mutagenic or carcinogenic.

### (12) ECOLOGICAL INFORMATION

Do not allow this product to enter water courses untreated.

### (13) DISPOSAL

Consult national and local regulations.

Dispose via a reputable chemical waste contractor.

### (14) TRANSPORT INFORMATION

SI NO 1268 for transport.

### (15) REGULATORY INFORMATION

Occupational exposure limits: Hydrocarbon solvent 100ppmm

OES 8 hour TWA.

Flammable.

### (16) OTHER INFORMATION

It is for users to satisfy themselves of the suitability of this product for their own applications.

This information is believed to be accurate at the time of printing and is given in good faith.

Date of issue: July 1995.