



# OAK INDUSTRIAL SUPPLIES

*"THE INDUSTRIAL SUPPLIES PEOPLE"*

HAMILTON ROAD SUTTON IN ASHFIELD

NOTTINGHAMSHIRE NG17 5LN

TELEPHONE 01623 442222 FAX 01623 441234

## **HEALTH & SAFETY DATA SHEET**

### Identification Of The Substance And Supplier

Product Name: **DW Fluids 1210, 1757, 1782, 718, 1219.**

Name Of Supplier: Oak Industrial Supplies  
Hamilton Road  
Sutton in Ashfield  
Nottinghamshire  
NG17 5LN

Business Tel No: 01623 442222

Emergency Tel No: 01484 713201

**Product Description:** DW Fluids 1210, 1757, 1782, 718, 1219. DW Rust Preventive 1381, Colloidal Graphite In White Spirit

**Product Type:** De-Watering fluids with rust preventative qualities.

**Application:** Rust prevention / water displacement.

**Identification.**

S.I. No: 1300

CAS. NO: 64742-82-1

EINECS: 265-185-4 Group 3E

INDEX NO: 649-330-00-2

CHEMICAL NAMES: Naphtha (Petroleum),

Hydrodesulphorised, Heavy

SYNONYMS: Stoddard Solvent,

Turpentine Substitute

CHEMICAL FAMILY: Petroleum Distillate

### Composition.

Consists of a mixture of saturated and unsaturated aliphatic hydrocarbons with additives necessary to impart Rust Preventative qualities. Usually between 15% and 20% aromatic Hydrocarbons. Benzene content less than 0.1% w/w (CAS NO. 71-43-2) R45

### Hazards Identification.

White Spirit is FLAMMABLE, HARMFUL, MAY CAUSE LUNG DAMAGE IF SWALLOWED and DANGEROUS FOR THE ENVIRONMENT.

### First Aid Measures.



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**Eyes:** Wash immediately with clean water for at least 15 mins. If irritation occurs OBTAIN MEDICAL ATTENTION.

**Skin:** Wash thoroughly with soap and water. Remove contaminated clothing. If irritation occurs OBTAIN MEDICAL ATTENTION.

**Inhalation:** Remove affected person to the fresh air. OBTAIN MEDICAL ATTENTION.

**Ingestion:** DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. OBTAIN MEDICAL ATTENTION.

## Fire Fighting Measures.

**FLASH POINT:** 38 (deg c)

**AUTOIGNITION TEMP:** 290 (deg c)

**EXPLOSIVE LIMITS IN AIR:** Lower = 0.6  
(% BY VOL) Upper - 8.0

**SMALL FIRES:** Use dry chemical, alcohol resistant foam, water spray, carbon dioxide, sand or earth. DO NOT USE WATER JET.

**LARGE FIRES:** Alcohol resistant foam or water spray, evacuate the area.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Drums may explode if exposed to fire, keep cool by spraying with water. Static charge may develop when pumped if earthing not satisfactory.

## Accidental Release Measures.

**Personal precautions:** Remove all sources of ignition. Avoid inhalation. Evacuate personnel to safe areas. Contact the proper local authorities.

**Environmental precautions:** Contain leaking liquids with sand or earth; consult an expert. Prevent product from entering drains.

**Methods for cleaning up:** Contain or absorb leaking liquids with sand or earth. Soak up with inert absorbent material and dispose as hazardous waste. Contact waste disposal service.

## Handling And Storage.

**Suitable Packaging:** Mildor stainless steel, polyethylene, GRP.

**Unsuitable Packaging:** Butyl rubber, EPDM, rubber, polystyrene.

**Handling:** Ensure good ventilation and avoid breathing the vapour. Avoid contact with skin and eyes. Do not swallow. Ensure eye wash bottle with clean water is readily available. Take precautionary measures against static discharges. Ensure all equipment is properly earthed.

**Storage:** Store in a cool, dry, well ventilated places, avoiding direct sunlight. Keep away from sources of ignition No Smoking. Keep apart from oxidising substances.

## Exposure Controls/Personal Protection.



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**Respiratory Protection:** Avoid breathing the vapour.

**Ventilation:** Maintain adequate ventilation and if necessary a suitable breathing apparatus should be used.

**Protective Gloves:** Wear rubber gloves and apron if there is a risk of splashing, avoid contact with skin. Source/Other Information: EH40

**Eye Protection:** Wear goggles or face shield. Keep an eyewash bottle containing clean water to hand.

**Skin And Body Protection:** Avoid contact with skin. Wash off immediately with soap and plenty of water.

## Physical And Chemical Properties.

**Physical Form:**

Liquid

**Density:**

(at 15 deg.C) = 0.785

**Boil Point:**

(deg.C) = 150 - 200

**Melting Point:**

(deg.C) = below 0

**Vapour Pressure:**

(at 20 deg.C, mm Hg) = 4

**Vapour Density:**

(Air=1) = above 1

**Solubility In Water:**

insoluble.

## Stability And Reactivity.

**Stability:** Stable at normal conditions.

**Materials To Avoid:** Strong Acids, alkalis, halogens, oxidising agents.

**Hazardous Decomposition & Combustion Products:** Burning will produce Carbon Dioxide and/or Carbon Monoxide

## Toxicological Information

**Eyes:** Intense smarting and irritation. EYE HUMAN 470ppm/15m (lit data)

**Skin:** Prolonged contact will defat and dry, leading to possible irritation and dermatitis.

**Inhalation:** Inhalation of high vapour concentrations can cause symptoms like headache, dizziness, tiredness, nausea and vomiting. May ultimately cause unconsciousness.

INHALATION CATLclo:10g/m<sup>3</sup>/2.5H (Lit data)

**Ingestion:** May cause irritation of the mouth, throat and digestive tract causing vomiting and abdominal pain. Significant absorption may cause sleepiness and plumonary oedema.

LD50 RAT > 5000 mg/kg (Under evaluation) (Lit data)

## Ecological Information.

**Bioaccumulation:** This product has the potential to biocumulate.

**Ecotoxicity:** Acute toxicity : Toxic LC50 96hr Fish <10mg/1, therefore classified as toxic for fish (see section 16).

**Biodegradability:** This product is readily



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**Disposal Considerations.**

Place used and contaminated materials/packaging in suitable containers.  
Dispose of the controlled waste through a licensed waste contractor.

**Transport Information.**

NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT.

**Regularity Information.**

**Classification:** Not classified as hazardous for supply. No statutory label required.

**Other Information.**

The information relates only to the specific materials designated herewith and may not be valid for this material when used in conjunction with any other materials or in any other process.