



## Material Safety Data Sheet

### 1. IDENTIFICATION OF SUBSTANCE/COMPANY/UNDERTAKING

<b>Product Name:</b>	<b>Technical White Oil</b>
Supplier:	William Hodgson & Company 'The Dairy', Gawsworth Business Court, Shellow Lane, North Rode, Congleton, Cheshire. CW12 2FQ
Telephone Number:	01260 222 943
Fax Number:	01260 222 994
Mobile Number:	07795 414 061

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number:	92062 35 6	Einecs No. 295 5503
Tariff Number:	271 00 89 0	
Inci Name:	<i>Paraffinum Liquidum</i>	
General	A blend of extremely refined white mineral oils.	
Applications	Technical grade white oil, used in formulation of plastics, paints, pigments and a variety of lubricant applications.	

### 3. HAZARDS IDENTIFICATION

Under normal conditions of use, the product holds no danger of intoxication. Do not release this product into the environment. No specific risk of fire or explosion under normal conditions of use. Ingestion of large amounts will have a laxative effect.

### 4. FIRST AID MEASURES

Eye Contact:	Flush immediately with water and obtain medical attention. Check for & remove any contact lenses.
Skin Contact:	Product used in cosmetic and pharmaceutical preparations – no first aid measures necessary.



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## 4. FIRST AID MEASURES CONTINUED

**Product Name:** Technical White Oil

**Inhalation:** Can cause discomfort. Remove to fresh air. If there is difficulty breathing give oxygen by facemask. Seek medical advice if required.

**Ingestion:** Large quantities may have a laxative effect. Wash mouth out with water. Do not induce Vomiting: call for medical help immediately.

**Information for doctor:** High pressure injection injuries through the skin require prompt surgical intervention & possibly steroid therapy, to minimise tissue damage & loss of function. Because entry wounds are small & do not reflect the seriousness of the underlying damage, surgical exploration to determined the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm & ischaemia. Prompt surgical decompression, debridement & evacuation of foreign material should be performed under general anaesthetics & wide exploration is essential.

## 5. FIRE FIGHTING EXTINGUISHING MEASURES

**Extinguishers:** Foam, CO<sup>2</sup>, dry chemical powder Do not use water jets.

**Protective equipment:** Wear self-contained respiratory protective device. Wear fully protective suit.

**Flammability:** Not classified as flammable but is inherently combustible

**Flash Point:** >180 deg C

**Combustion products:** Carbon dioxide, carbon monoxide and partially oxidised organic fragments of the products main ingredients.





## 6. ACCIDENTAL RELEASE MEASURES

**Product Name:** Technical White Oil

Person-related safety precautions: Particular danger of slipping on leaked/spilled product.

Clean Up Methods: Absorb with liquid-binding material (sand, Diatomite, acid binders, universal binders, sawdust) Send for recovery or disposal in suitable receptacles.

Environmental Hazards: Prevent entry into drains, sewers and watercourses.

Personal Precautions: Spilt product presents a significant slip hazard. Wear suitable protective clothing and footwear. Recovered and waste liquid which cannot be recycled, must be disposed of safely.

Additional information: No dangerous substances are released.

## 7. HANDLING MEASURES

Handling: Prevent formation of aerosols.

Information about fire & explosion protection: No special measures required.

Storage: Prevent any seepage into the ground. Store away from oxidising agents. Store in cool, dry conditions in well sealed receptacles.

Storage Temperature: Ambient





## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Product Name:** Technical White Oil

### Ingredients with limit values that require monitoring at the workplace:

#### Highly refined mineral oil

OEL Short-term value: 10mg/m<sup>3</sup>

Long-term value: 5mg/m<sup>3</sup>

**Personal protective equipment:** Select PPE appropriate for the operations taking place taking into account the product properties.

**General protective & hygiene measures:** Wash hands before breaks & at end of work. Do not carry product impregnated cleaning cloths in trousers pockets. Avoid close or long term contact with skin. Do not eat, drink, smoke or sniff while working. Avoid contact with eyes.

**Respiratory protection:** Not required.

**Protection of hands:** The glove material has to be impermeable & resistant to the product/the substance//the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion & the degradation.

**Material of gloves** The selection of the suitable gloves does not only depend of the material, but also on further marks of quality & varies from manufacturer to manufacturer.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the gloves and has to be observed.

**Eye protection:** Safety glasses. Goggles recommended during refilling.

**Body protection:** Protective work clothing.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Please refer to separate Product Specification Data sheet.



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## 10. STABILITY AND REACTIVITY

**Thermal decomposition/conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known.

**Dangerous decomposition products:** Carbon monoxide & carbon dioxide.

## 11. TOXICOLOGICAL EFFECT

The following toxicological assessment is based on knowledge of the toxicity of the products components.

Estimated Oral Rat LD50: >2000mg/kg

**Acute toxicity:**

**Primary irritant effect on skin:** No irritant effect.

**On the eyes:** No irritating effect.

**Sensitisation:** No sensitizing effects known.

**Additional toxicological information:** When used & handled according to specs, the product does not have any harmful effects to our experience & the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

## 12. ECOLOGICAL INFORMATION

Biodegradability: < 50% Chemical Oxygen demand : not determined

**Behaviour in environmental systems:**

**Mobility & bioaccumulation potential:** Product is not expected to bioaccumulate.

**General notes:** Generally not hazardous for water.

## 13. DISPOSAL CONSIDERATIONS

**Product:**

**Recommendation** – Contact waste processors for recycling information.

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Delivery of waste oil to officially authorised collectors only.

Used, degraded or contaminated product may be classified as hazardous waste.





Anyone classifying hazardous waste & determining its fate must be qualified in accordance with state & international legislation.

## European waste catalogue

**Product Name:** Technical White Oil

Waste key numbers in accordance with the European Waste catalogue (EWC) are origin-referred defined. Since this product is used in several industries, no waste key can be provided by the supplier. The waste key number should be determined in arrangement with your waste disposal partner or the responsible authority.

**Uncleaned packaging recommendation:** Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

### Land transport ADR/RID (cross-border)

**ADR/RID class:** -

**Maritime transport IMDG:**

**IMDG class:** -

**Marine pollutant:** No

**Air transport ICAO-TI & IATA-DGR:**

**ICAO/IATA class:** -

## 15. REGULATORY INFORMATION

### Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The substance is not subject to classification according to EU lists & other sources of literature known to us.

### Special labeling of certain preparations:

Safety data sheet available for professional user on request.

## 16. OTHER INFORMATION

The information contained herein is accurate to the best of our knowledge.

No liability can be accepted arising out of the use, application or processing of this material.

It is the Users responsibility to determine safe conditions for the use of this product.



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