



The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park, Clovelly Road,  
Bideford, Devon, EX39 3DX  
Tel: 01237 420872 (+44 (0)1237 420872)  
Email: info@thesoapkitchen.co.uk

## Material Safety Data Sheet

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

**Product Name:** Technijell 3627 – Light Liquid Paraffin BP/PhEur (WHC808)

Substance or Preparation Trade Name: **White Mineral Oil**  
Chemical Synonyms: Light Liquid Paraffin

Supplier: The Soap Kitchen

### 2. HAZARDS IDENTIFICATION

**Health:** This substance presents no major hazard to health. For further information, refer to Section 11 Toxicological Information.  
**Environmental:** This substance presents no major hazard to the environment. For further information refer to Section 12, Ecological Information.  
**Pressure Injection:** Pressure injection of all products will cause severe internal damage if not promptly treated.

### 3. COMPOSITON

White Mineral Oil (petroleum)

**EC-No:** 232-455-8  
**CAS-No:** 8042-47-5  
**%-mass:** 100

### 4. FIRST AID MEASURES

**Inhalation:** Remove the affected person to fresh air. If recovery is not rapid, obtain medical attention.  
**Skin Contact:** Wash the affected parts of the body with soap and water. Change contaminated clothing. Dry clean and launder before re-use. No emergency measures are necessary but if adverse skin effects follow, refer for medical attention.  
**Ingestion:** Do not induce vomiting. Wash out mouth with water and obtain medical attention. Milk or water may be beneficial. Treat symptomatically. If the product is aspirated into the lungs, e.g. during vomiting, send to hospital immediately.

<b>Eye Contact:</b>	Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.
<b>Pressure Injection:</b>	Always obtain immediate medical attention even though the injury may appear minor.

## 5. FIRE FIGHTING EXTINGUISHING MEASURES

<b>Flash Point:</b>	> 160°C (coc)
<b>Extinguishing Media:</b>	Foam, dry chemical, carbon dioxide, water mist.
<b>Specific Exposure Hazards:</b>	Combustion can produce a variety of compounds including oxides of carbon, water vapour, unburnt hydrocarbons, partially oxidized organic compounds and unidentified inorganic compounds, some of which may be toxic.
<b>Specific Protective Equipment for Fire Fighters:</b>	Use self-contained breathing equipment when fighting fire in confined spaces.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Surfaces may become slippery after spillage.
<b>Environmental Precautions:</b>	Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses. Bund using absorbent granules, sand, earth or proprietary equipment. Reclaim liquid directly or soak in an absorbent medium and transfer to a suitable marked container.
<b>Absorbent Materials:</b>	Sand, active clay or absorbent sheeting.
<b>Disposal of Spillage:</b>	By incineration or via authorised/licensed waste disposal contractor. Disposal must be in accordance with local regulations and current national legalisation.

## 7. HANDLING MEASURES

<b>Handling:</b>	Avoid contact with the eyes – wear chemical protective goggles when handling the product. Protective clothing such as impervious gloves should be worn if skin contact is anticipated. Protective clothing should be regularly inspected and maintained. The use of barrier and after work creams may be beneficial.
<b>Storage:</b>	Keep containers tightly closed in cool, dry conditions. Avoid heat and sources of ignition. Store in original containers or in other mild steel or high density polyethylene containers which are closable and clearly labeled. Clean up any spilled material immediately. Take all necessary precautions against accidental spillage into soil or water.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits:</b>	Oil mist < 5mg/m <sup>3</sup>
<b>Eye Protection:</b>	Wear chemical resistant goggles when handling or if there is the risk of splashing with the product.
<b>Skin:</b>	Wear impervious gloves when handling the product. Where prolonged or repeated contact with unavoidable. The use of appropriate barrier and after work creams may be beneficial and gloves should be considered whenever their use is practicable and safe. Change heavily contaminated clothing and overalls as soon as possible.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Please refer to separate Product Specification Data sheet.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	May react with strong oxidizing agents, especially at high temperatures.
<b>Conditions to Avoid:</b>	Extremes of temperature (preferably, store between 5 & 39°C).
<b>Materials to Avoid:</b>	Strong oxidizing agents (e.g. chlorates, peroxides).
<b>Decomposition Products:</b>	Thermal decomposition can produce a variety of compounds, the nature of which will largely depend on the conditions bringing about decomposition. Incomplete combustion or thermal decomposition may be expected to generate such materials as: Particulate matter and unburnt hydrocarbons; oxides of carbon; water; partially oxidized organic compounds.

## 11. TOXICOLOGICAL EFFECT

This material is characterized as non-toxic because it shows the following characteristics

<b>Acute Toxicity (oral):</b>	LD50>5000mg/kg
<b>Acute Toxicity (dermal):</b>	LD50>2000mg/kg
<b>Acute Toxicity (inhalation):</b>	LC50>5200mg/kg
<b>Irritation/Corrosion (eye):</b>	Repeated or prolonged contact spray, mist or vapours may cause eye irritation but no permanent damage.
<b>Irritation/Corrosion (skin):</b>	Non irritant
<b>Irritation/Corrosion (respiratory tract):</b>	This material has a low vapour pressure and does not cause an irritation to the breathing passages. Aspiration of spray, mist or vapour may cause chemical pneumonitis.
<b>Sensitization (skin):</b>	Not sensitising.
<b>Sensitization (respiratory tract):</b>	This material is not a respiratory tract sensitiser.
<b>Repeated Dose Toxicity:</b>	Prolonged contact to skin or eyes can cause irritation and possible dermatitis.
<b>Mutagenicity:</b>	Negative to Modified Ames test.
<b>Carcinogenicity:</b>	Does not contain any IARC Group 1, 2(a) or 2(b) Listed Chemicals. Polycyclic Aromatic Hydrocarbons by IP346 <1.0%.

## 12. ECOLOGICAL INFORMATION

Environmental Fate – this material, because of its density, will float on water. Since it consists of relatively low molecular weight paraffinic substances, small spillages into water will be dispersed by evaporation and biodegradation.

<b>Aquatic Toxicity (fish):</b>	LC50>400,000ppm in 96h – Rainbow Trout (0% mortality).
<b>Aquatic Toxicity (algae):</b>	Not established.
<b>Aquatic Toxicity (invertebrate):</b>	LC50>500,000ppm in 96h – Mysisopsis bahia.
<b>Mobility:</b>	This material will float on water. For other Physio-chemical properties see section 9.
<b>Biodegradation:</b>	Inherently Biodegradable (OECD 301B 50%) in 28 days.
<b>Bioaccumulation Potential:</b>	Bioaccumulation is unlikely due to the very low water solubility of this product. Bioavailability to aquatic organisms is minimal.
<b>Other Ecological Information:</b>	Although not toxic to vertebrates and invertebrates, spilled material may affect organisms (especially small invertebrates) by physical smothering leading to or by deoxygenation of the water below the oil film.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:**

All means of disposal should comply with local and national regulations. Dispose of product and containers carefully and responsibly. Do not allow product to contaminate ponds, water courses, soils or drains. Do not dispose in drains.

### 14. TRANSPORT INFORMATION

This material is not classified as dangerous for transport under current EC and International legislation.

Un-No:	Not classified.
RID/ADR:	Not classified.
IMO:	Not classified.
IATA/ICAO:	Not classified.
Marine Pollution Category:	Marpol 73/78 Annex 1

### 15. REGULATORY INFORMATION

**EC Dangerous Substances/Preparations Classification:** This material is not classified as dangerous for supply under current EC legislation.

<b>Risk Phrases:</b>	None.
<b>Safety Phrases:</b>	None.

### 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.

Date of First Issue:	08.10.2012
Re-Issued:	28.05.2013