

# Product Data Sheet



## holzöl Weather-Oil Clear UV

Code	Description
7UV/00/30	holzöl Weather-Oil Clear UV

<b>Technical Data</b>	holzöl Weather-Oil Clear UV is a blend of oil, waxes and natural resins offering the best protection for exterior finishing.
<b>Properties</b>	<p>holzöl Weather-Oil Clear UV prolongs the colour of the timber, preventing greying and oxidisation.</p> <p>holzöl Weather-Oil Clear UV penetrates and nourishes the timber. Its microporous natural and UV inhibitors provide unrivalled weathering protection.</p> <p>holzöl Weather-Oil Clear UV can either be used alone as a coat on coat clear system or as protective topcoat for other <b>holzöl</b> exterior oils.</p>
<b>Mixing Guidelines</b>	Supplied ready for use (RFU).
<b>Typical Handling</b>	<p>Drying Time: 10 - 12 hours, Recoat Time 10 - 12 hours</p> <p>These times are dependant amounts applied, the absorbency of the wooden substrate and application conditions.</p>
<b>Cleaning</b>	R047 - White Spirit should be used for cleaning equipment.
<b>Coverage</b>	Approximately 12 - 28m <sup>2</sup> per litre depending upon the application method, absorbency and surface quality of the timber being coated.
<b>System Guidelines</b>	<p>Morrells recommends the following guidance for use of this product:</p> <p>Before starting, make sure the surfaces of the timber to be coated should be clean, dry and free from oils, greases, waxes, silicones, old finishes etc.</p> <p><b>Typical Clear Finish:</b></p> <ul style="list-style-type: none"> <li>○ Apply a coat of <b>holzöl</b> Weather-Oil Clear, by brush, or roller.</li> <li>○ Allow 10 - 12 hours to dry, then lightly abrade with 220/240 silicon carbide abrasive.</li> <li>○ Apply a second coat of <b>holzöl</b> Weather-Oil Clear, as above.</li> </ul> <p><b>Typical Stain Finish:</b></p> <ul style="list-style-type: none"> <li>○ Apply a coat of <b>holzöl</b> Weather-Stain Oil, by brush or roller. Apply the oil in the direction of the wood grain.</li> <li>○ Allow 10 - 12 hours to dry, then lightly abrade with 220/240 silicon</li> </ul>



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Registered Office: Morrells Woodfinishes Limited. Company no. 785935 VAT. Reg No GB 712 5048 66



	<p>carbide abrasive.</p> <ul style="list-style-type: none"> <li>○ Apply a <b>holzöl</b> Weather-Oil Clear, as above.</li> </ul> <p>Using this product in systems outside these guidelines can lead to immediate and latent problems with the integrity of the finish.</p>
<b>Maintenance</b>	<p>The <b>holzöl</b> Weather-Oil Clear UV should be maintained using a clean, lightly damped cloth.</p> <p>If the finish becomes "tired" looking or damaged, abrade with 240/320 silicon carbide abrasive and apply a further coat of <b>holzöl</b> Weather-Oil Clear UV.</p>
<b>Important Information</b>	<ul style="list-style-type: none"> <li>➤ Designed for manual (brush or roller) application.</li> <li>➤ Always test the product on a spare surface or inconspicuous area to assess compatibility, colour and finish.</li> <li>➤ Sawdust, cloths, brushes, papers and similar products containing wet product may cause spontaneous combustion. Either allow to fully dry or drench in water before disposal.</li> <li>➤ Product should be stored above 5°C and protected from frost.</li> <li>➤ Optimum application is achieved between 20°C and 25°C with good air movement and ventilation.</li> <li>➤ Meets the VOC requirements of 2004/42/EC, Annex II(cat A/i).</li> </ul>
<b>Health &amp; Safety</b>	<p>Reference should be made to the appropriate MSDS for this product, which can be found at <a href="http://www.morrells.co.uk">www.morrells.co.uk</a></p> <p>The use of appropriate personal protection equipment (PPE) is recommended.</p>

The information provided on this information sheet is based on the best of our knowledge and experience, is given in good faith and should only be regarded as recommendations. No guarantee should be inferred and customers are advised to carry out their own tests under local conditions.

For further technical information contact our Technical Support Team on 0161 406 5300.



# Product Data Sheet



## holzöl Weather-Oil

Code	Description	Code	Description
7WE/01/30	<b>holzöl</b> Weather-Oil White	7WE/04/30	<b>holzöl</b> Weather-Oil Blue
7WE/02/30	<b>holzöl</b> Weather-Oil Ivory	7WE/05/30	<b>holzöl</b> Weather-Oil Grey
7WE/03/30	<b>holzöl</b> Weather-Oil Green	7WE/06/30	<b>holzöl</b> Weather-Oil Cedar

<b>Technical Data</b>	<p><b>holzöl</b> Weather-Oil is a high opacity micro-porous range of coloured oils designed for exterior weather protection.</p> <p>Can be used both internally and externally</p>
<b>Properties</b>	<p><b>holzöl</b> Weather-Oil is a high opacity micro-porous range of coloured oils designed for exterior weather protection. Suitable for timber cladding, doors &amp; windows, conservatories, and garden furniture. Also available is holzol Weather-Oil Clear UV for completely natural finishing.</p>
<b>Mixing Guidelines</b>	Supplied ready for use (RFU).
<b>Typical Handling</b>	<p>Recoat Time: 10 – 12 hours</p> <p>Drying Time: 10 – 12 hours</p>
<b>Cleaning</b>	R047 - White Spirit should be used for cleaning equipment.
<b>Coverage</b>	Approximately 12 - 28m <sup>2</sup> per litre depending upon the application method, absorbency and surface quality of the timber being coated.
<b>Colour Matching</b>	<p>Morrells provides a bespoke colour matching service for <b>holzöl</b> Weather-Oil.</p> <p>All requests for special colours should be accompanied by a sufficient quantity of the timber to be used for the actual job plus details of the application method and the number of coats to be applied.</p>
<b>System Guidelines</b>	<p>Morrells recommends the following guidance for use of these products:</p> <p><b>Typical Finish:</b></p> <ul style="list-style-type: none"> <li>○ The surfaces of the timber to be coated should be clean, dry and free from oils, greases, waxes, silicones, old finishes etc.</li> <li>○ Apply an even film of <b>holzöl</b> Weather-Oil by brush or roller over the surface.</li> <li>○ Allow 10-12 hours to dry, then lightly abrade with 220/240 silicon carbide abrasive.</li> <li>○ Apply a second coat of <b>holzöl</b> Weather-Oil, as above.</li> <li>○ For added protection, finish with a coat of holzol Weather-Oil</li> </ul>



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Registered Office: Morrells Woodfinishes Limited. Company no. 785935 VAT. Reg No GB 712 5048 66



	<p>Clear UV. Using these products in systems outside these guidelines can lead to immediate and latent problems with the integrity of the finish.</p>
<b>Maintenance</b>	<p>The <b>holzöl</b> Weather-Oil should be maintained using a clean, lightly dampened cloth.</p> <p>If the finish becomes "fired" looking or damaged, abrade with 240/320 silicon carbide abrasive and apply a further coat of <b>holzöl</b> Weather-Oil.</p>
<b>Important Information</b>	<ul style="list-style-type: none"> <li>➤ Designed for manual (brush, roller) application.</li> <li>➤ Always test the product on a spare surface or inconspicuous area to assess compatibility, colour and finish.</li> <li>➤ Colours are only able to be an approximate representation due to the variation in substrate and application methods.</li> <li>➤ Sawdust, cloths, brushes, papers and similar products containing wet product may cause spontaneous combustion. Either allow to fully dry or drench in water before disposal.</li> <li>➤ Product should be stored above 5°C and protected from frost.</li> <li>➤ Optimum application is achieved between 20°C and 25°C with good air movement and ventilation.</li> <li>➤ Meets the VOC requirements of 2004/42/EC, Annex II(cat A/i).</li> </ul>
<b>Health &amp; Safety</b>	<p>Reference should be made to the appropriate MSDS for these products, which can be found at <a href="http://www.morrells.co.uk">www.morrells.co.uk</a></p> <p>The use of appropriate personal protection equipment (PPE) is recommended.</p>

The information provided on this information sheet is based on the best of our knowledge and experience, is given in good faith and should only be regarded as recommendations. No guarantee should be inferred and customers are advised to carry out their own tests under local conditions.

For further technical information contact our Technical Support Team on 0161 406 5300.



**SAFETY DATA SHEET**  
**HOLZOL Weather Oil Clear**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product Name** HOLZOL Weather Oil Clear  
**Product No.** 7UV/00/30

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Industrial wood coating.

**1.3. Details of the supplier of the safety data sheet**

**Supplier:** Morrells Woodfinishes Ltd  
Wellington Works  
Mill Lane, Woodley  
Stockport  
England  
SK6 1RN  
0161 406 5300  
0161 406 6276  
enquiries@morrells.co.uk

**1.4. Emergency telephone number**

0161 406 5300 DURING OFFICE HOURS

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical	Not classified.
Health	EUH066
Environmental	Not classified.

**Classification (1999/45)**

R66.

**2.2. Label elements**

**Contains:** NAPHTHA PETROLEUM TREATED HEAVY

**Precautionary Statements**

P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.

**Supplemental Label Information**

EUH066	Repeated exposure may cause skin dryness or cracking.
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**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

naphtha (petrol) hydrotreated heavy	1-5%
CAS-No.: 64742-48-9	EC No.: 927-241-2

## HOLZOL Weather Oil Clear

Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT Single 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	Classification (67/548) Xn;R65. R10,R52/53,R67.
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<b>NAPHTHA PETROLEUM TREATED HEAVY</b>		<b>30-60%</b>
<b>CAS-No.: 64742-48-9</b>	<b>EC No.: 265-150-3</b>	
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548) Xn;R65. R66.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### **Inhalation.**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### **Ingestion**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

##### **Skin Contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### **Eye Contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 4.2. Most important symptoms and effects, both acute and delayed

#### 4.3. Indication of any immediate medical attention and special treatment needed

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### **Extinguishing Media**

This product is not flammable. Extinguish with foam, carbon dioxide or dry powder.

##### **Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

##### **Unusual Fire & Explosion Hazards**

If heated, volume and pressure increases strongly, resulting in explosion of container.

##### **Specific Hazards**

Closed containers can burst violently when heated, due to excess pressure build-up.

#### 5.3. Advice for firefighters

##### **Special Fire Fighting Procedures**

Cool containers exposed to flames with water until well after the fire is out.

##### **Protective Measures In Fire**

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

#### 6.3. Methods and material for containment and cleaning up

# HOLZOL Weather Oil Clear

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

## 6.4. Reference to other sections

Collect and dispose of spillage as indicated in section 13. Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low-lying areas. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

#### Storage Class

Unspecified storage.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
naphtha (petrol) hydrotreated heavy	WEL		1595 mg/m <sup>3</sup>			
NAPHTHA PETROLEUM TREATED HEAVY	WEL	148 ppm	1200 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective Equipment



#### Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level.

#### Engineering Measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

#### Respiratory Equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### Hand Protection

Use suitable protective gloves if risk of skin contact. Protective gloves should be used if there is a risk of direct contact or splash. For prolonged or repeated skin contact use suitable protective gloves.

#### Eye Protection

If risk of splashing, wear safety goggles or face shield. Wear splash-proof eye goggles to prevent any possibility of eye contact.

#### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance Clear liquid

Flash Point (°C) > 60

### 9.2. Other information

Volatile Organic Compound (VOC) 130 g/litre

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

No particular stability concerns. Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

**10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Toxic Dose 1 - Ld 50** >5000 mg/kg (oral rat)  
Naphtha (Petrol) Hydrotreated heavy

**Acute Toxicity (Dermal LD50)** > 2000 mg/kg Rabbit

**Inhalation**

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

**Ingestion.**

May cause discomfort if swallowed.

**Skin Contact**

Repeated exposure may cause skin dryness or cracking.

**Eye Contact**

Spray and vapour in the eyes may cause irritation and smarting.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity**

**LC 50, 96 Hrs, Fish mg/l** 8.2

**EC 50, 48 Hrs, Daphnia, mg/l** 4.5

**IC 50, 72 Hrs, Algae, mg/l** 3.1

**12.2. Persistence and degradability**

**Degradability:**

The product is expected to be biodegradable.

**12.3. Bioaccumulative potential**

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

**12.6. Other adverse effects**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**General Information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**



# HOLZOL Weather Oil Clear

Road Transport Notes Not Classified  
Rail Transport Notes Not classified.  
Sea Transport Notes Not classified.  
Air Transport Notes Not classified.

## 14.1. UN number

## 14.2 UN Proper Shipping Name

## 14.3 Transport hazard class(es)

ADR/RID/ADN Class Not classified for transportation. N/A.

## Transport Labels

No transport warning sign required.

## 14.4. Packing group

## 14.5. Environmental hazards

## 14.6. Special precautions for user

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### Statutory Instruments

The Classification, Labelling and Packaging of substances and mixtures Regulations EC 1272/2008 (CLP) and amendments

#### Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

#### Guidance Notes

Workplace Exposure Limits EH40.

#### National Regulations

Workplace Exposure Limits 2005 (EH40)

#### Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

#### Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Revision Date 17/09/2015

Revision 1

#### Risk Phrases In Full

R10 Flammable.  
R52/53 Harmful 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.  
R67 Vapours may cause drowsiness and dizziness.

#### Hazard Statements In Full

EUH066 Repeated exposure may cause skin dryness or cracking.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

## HOLZOL Weather Oil Clear

### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**SAFETY DATA SHEET**  
**HOLZOL Weather Oil**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product Name** HOLZOL Weather Oil  
**Product No.** 7WE/0\*/10 Range

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Oil finish for wood

**1.3. Details of the supplier of the safety data sheet**

**Supplier:** Morrells Woodfinishes Ltd  
Wellington Works  
Mill Lane, Woodley  
Stockport  
England  
SK6 1RN  
0161 406 5300  
0161 406 6276  
enquiries@morrells.co.uk

**1.4. Emergency telephone number**

0161 406 5300 DURING OFFICE HOURS

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical	Not classified.
Health	EUH066
Environmental	Not classified.

**Classification (1999/45)**

R66.

**2.2. Label elements**

**Contains:** NAPHTHA PETROLEUM TREATED HEAVY

**Precautionary Statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

**Supplemental Label Information**

EUH066	Repeated exposure may cause skin dryness or cracking.
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**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

naphtha (petrol) hydrotreated heavy

1-5%

CAS-No.: 64742-48-9

EC No.: 927-241-2

# HOLZOL Weather Oil

Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT Single 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	Classification (67/548) Xn;R65. R10,R52/53,R67.
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<b>NAPHTHA PETROLEUM TREATED HEAVY</b>	<b>30-60%</b>
<b>CAS-No.: 64742-48-9</b>	<b>EC No.: 265-150-3</b>

Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548) Xn;R65. R66.
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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation.**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### **Ingestion**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### **Skin Contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### **Eye Contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing Media**

This product is not flammable. Extinguish with foam, carbon dioxide or dry powder.

#### **Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

#### **Unusual Fire & Explosion Hazards**

If heated, volume and pressure increases strongly, resulting in explosion of container.

### 5.3. Advice for firefighters

#### **Special Fire Fighting Procedures**

Water spray should be used to cool containers. Keep run-off water out of sewers and water sources. Dike for water control.

#### **Protective Measures In Fire**

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

### 6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

# HOLZOL Weather Oil

## 6.4. Reference to other sections

Collect and dispose of spillage as indicated in section 13. Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low-lying areas. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
naphtha (petrol) hydrotreated heavy	WEL		1595 mg/m <sup>3</sup>			
NAPHTHA PETROLEUM TREATED HEAVY	WEL	148 ppm	1200 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective Equipment



#### Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level.

#### Engineering Measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

#### Respiratory Equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### Hand Protection

Use suitable protective gloves if risk of skin contact. Protective gloves should be used if there is a risk of direct contact or splash. For prolonged or repeated skin contact use suitable protective gloves.

#### Eye Protection

If risk of splashing, wear safety goggles or face shield. Wear splash-proof eye goggles to prevent any possibility of eye contact.

#### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance                      Liquid

Flash Point (°C)                >60

### 9.2. Other information

Volatile Organic Compound (VOC)    125 g/litre

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

# HOLZOL Weather Oil

No specific reactivity hazards associated with this product.

## **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

## **10.3. Possibility of hazardous reactions**

## **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

## **10.5. Incompatible materials**

## **10.6. Hazardous decomposition products**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

<b>Toxic Dose 1 - Ld 50</b>	5000 mg/kg (oral rat) Naphtha (Petrol) Hydrotreated heavy
<b>Acute Toxicity (Dermal LD50)</b>	2000 mg/kg Rabbit

#### **Inhalation**

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

#### **Ingestion.**

May cause discomfort if swallowed.

#### **Skin Contact**

Repeated exposure may cause skin dryness or cracking.

#### **Eye Contact**

Spray and vapour in the eyes may cause irritation and smarting.

## **SECTION 12: ECOLOGICAL INFORMATION**

#### **Ecotoxicity:**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

<b>LC 50, 96 Hrs, Fish mg/l</b>	8.2
<b>EC 50, 48 Hrs, Daphnia, mg/l</b>	4.5
<b>IC 50, 72 Hrs, Algae, mg/l</b>	3.1

### **12.2. Persistence and degradability**

#### **Degradability:**

The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

### **12.3. Bioaccumulative potential**

### **12.4. Mobility in soil**

### **12.5. Results of PBT and vPvB assessment**

### **12.6. Other adverse effects**

## **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **General Information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## **SECTION 14: TRANSPORT INFORMATION**

<b>Road Transport Notes</b>	Not Classified
<b>Rail Transport Notes</b>	Not classified.
<b>Sea Transport Notes</b>	Not classified.
<b>Air Transport Notes</b>	Not classified.

# HOLZOL Weather Oil

## 14.1. UN number

## 14.2 UN Proper Shipping Name

## 14.3 Transport hazard class(es)

## 14.4. Packing group

## 14.5. Environmental hazards

## 14.6. Special precautions for user

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### **Statutory Instruments**

The Classification, Labelling and Packaging of substances and mixtures Regulations EC 1272/2008 (CLP) and amendments

##### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

##### **Guidance Notes**

Workplace Exposure Limits EH40.

##### **Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are noted for this product.

##### **Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions of use are noted for this product.

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

**Revision Date** 17/09/2015

**Revision** 1

##### **Risk Phrases In Full**

R10 Flammable.  
R52/53 Harmful 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.  
R67 Vapours may cause drowsiness and dizziness.

##### **Hazard Statements In Full**

H314 Repeated exposure may cause skin dryness or cracking.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

#### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**SAFETY DATA SHEET**  
**R047 Turps Sub (White Spirit)**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product Name** R047 Turps Sub (White Spirit)  
**REACH Registration Number** 01-2119458049-33-xxxx  
**EC No.** 919-446-0

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Industrial wood coating.

**1.3. Details of the supplier of the safety data sheet**

**Supplier:** Morrells Woodfinishes Ltd  
Wellington Works  
Mill Lane, Woodley  
Stockport  
England  
SK6 1RN  
0161 406 5300  
0161 406 6276  
enquiries@morrells.co.uk

**1.4. Emergency telephone number**

0161 406 5300 DURING OFFICE HOURS

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical Flam. Liq. 3 - H226  
Health EUH066;STOT Single 3 - H336;STOT Rep. 1 - H372;Asp. Tox. 1 - H304  
Environmental Aquatic Chronic 2 - H411

**Classification (1999/45)**

Xn;R65. N;R51/53. R10, R66, R67.

**2.2. Label elements**

**EC No.** 919-446-0  
**Contains:** low boiling point hydrogen treated naphtha  
**Label In Accordance With (Ec) No. 1272/2008**



**Signal Word** Danger

**Hazard Statements**

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure in contact with skin.  
H411 Toxic to aquatic life with long lasting effects.



## R047 Turps Sub (White Spirit)

### Supplementary Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P370+378	In case of fire: Use ... for extinction.
P391	Collect spillage.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...

### Supplemental Label Information

EUH066	Repeated exposure may cause skin dryness or cracking.
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### 2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

low boiling point hydrogen treated naphtha	60-100%
CAS-No.: 64742-82-1	EC No.: 265-185-4
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT Single 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548) Xn;R65. N;R51/53. R10,R66,R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

REACH Registration Number	01-2119458049-33-xxxx
EC No.	919-446-0

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General Information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

## R047 Turps Sub (White Spirit)

### **Inhalation.**

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Do Not use mouth to mouth ventilation

### **Ingestion**

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

### **Skin Contact**

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

### **Eye Contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### **4.2. Most important symptoms and effects, both acute and delayed**

#### **Inhalation.**

Vapours may cause headache, fatigue, dizziness and nausea. Difficulty in breathing.

#### **Ingestion**

Central nervous system depression. Nausea, vomiting.

#### **Skin Contact**

Prolonged contact may cause redness, irritation and dry skin.

#### **Eye Contact**

Vapour, spray or dust may cause chronic eye irritation or eye damage.

### **4.3. Indication of any immediate medical attention and special treatment needed**

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

#### **Extinguishing Media**

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

#### **Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this will spread the fire.

### **5.2. Special hazards arising from the substance or mixture**

#### **Hazardous Combustion Products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### **Unusual Fire & Explosion Hazards**

Vapours are heavier than air and may spread near ground to sources of ignition.

#### **Specific Hazards**

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

### **5.3. Advice for firefighters**

#### **Special Fire Fighting Procedures**

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

#### **Protective Measures In Fire**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

Take precautionary measures against static discharges. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Do not smoke, use open fire or other sources of ignition.

### **6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### **6.3. Methods and material for containment and cleaning up**

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Remove containers and flush area with water.

### **6.4. Reference to other sections**

# R047 Turps Sub (White Spirit)

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid inhalation of vapours/spray and contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Ground container and transfer equipment to eliminate static electric sparks. Flammable/combustible - Keep away from oxidisers, heat and flames.

#### Storage Class

Flammable liquid storage.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Ingredient Comments

WEL = Workplace Exposure Limits DNEL = Derived No Effect Level

DNEL	Industry	Dermal	44	mg/kg/day
DNEL	Industry	Inhalation.	330	mg/kg/day

### 8.2. Exposure controls

#### Protective Equipment



#### Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

#### Respiratory Equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use respiratory equipment with gas filter, type A2.

#### Hand Protection

Use protective gloves.

#### Eye Protection

Wear approved safety goggles.

#### Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

#### Skin Protection

Wear apron or protective clothing in case of contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Pungent
Initial Boiling Point and Boiling Range:	135-220
Relative Density	.774 to 0.79 15c
Vapour Density (Air=1)	>1
Vapour Pressure	<2.7 kPa 20c
Evaporation Rate	0.13 (EtEt=1)
Flash Point (°C)	39C

## R047 Turps Sub (White Spirit)

Flammability Limit - Lower(%) 0.6  
Flammability Limit - Upper(%) 8

### 9.2. Other information

Volatile Organic Compound (VOC) 780 g/litre

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### **Materials To Avoid**

Strong oxidising substances.

### 10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Carbon.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute Toxicity (Oral LD50)	> 15000 mg/kg Rat
Acute Toxicity (Dermal LD50)	> 3400 mg/kg Rabbit
Acute Toxicity (Inhalation LC50)	13.1 mg/l (vapours) Rat
ATE (Inhalation)	13.1 mg/l (vapours)

#### **Inhalation**

In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects.

#### **Ingestion.**

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Swallowing concentrated chemical may cause severe internal injury. Harmful: may cause lung damage if swallowed.

#### **Skin Contact**

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

#### **Eye Contact**

May cause severe irritation to eyes.

#### **Target Organs**

Skin Eyes Respiratory system, lungs

#### **Specific Effects**

May cause damage to the kidneys.

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity:**

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### 12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l	10-30 mg/l
EC 50, 48 Hrs, Daphnia, mg/l	10-22 mg/l
IC 50, 72 Hrs, Algae, mg/l	4.6-10 mg/l

### 12.2. Persistence and degradability

#### **Degradability:**

The product is expected to be biodegradable.

## R047 Turps Sub (White Spirit)

### 12.3. Bioaccumulative potential

#### Bioaccumulative Potential:

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility:

The product is insoluble in water and will spread on the water surface.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

### 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN) 1300

### 14.2 UN Proper Shipping Name

Proper Shipping Name TURPENTINE SUBSTITUTE (White Spirit)

### 14.3 Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable liquids.

ADR Label No. 3

Transport Labels



### 14.4. Packing group

ADR/RID/ADN Packing group III

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



### 14.6. Special precautions for user

EMS F-E, S-E

Emergency Action Code 3Y

Hazard No. (ADR) 30

Tunnel Restriction Code (D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Cat Y

## R047 Turps Sub (White Spirit)

### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### **Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

##### **Statutory Instruments**

The Classification, Labelling and Packaging of substances and mixtures Regulations EC 1272/2008 (CLP) and amendments

##### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

##### **Guidance Notes**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

#### 15.2. Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

**Revision Date** 03/12/2015

**Revision** 2

**Supersedes Date** 26/01/2012

##### **Risk Phrases In Full**

R10 Flammable.

R51/53 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.

R67 Vapours may cause drowsiness and dizziness.

##### **Hazard Statements In Full**

EUH066 Repeated exposure may cause skin dryness or cracking.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

#### Disclaimer

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