

**SAFETY DATA SHEET**  
**2007/900 HCF CELLULOSE THINNERS**

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

**1.1. Product identifier**

**Product Name** 2007/900 HCF CELLULOSE THINNERS

**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. 2 - H225
Health	EUH066;STOT Single 3 - H336
Environmental	Not classified.

**Classification (1999/45)** F;R11. R66, R67.

**2.2. Label elements**

Label In Accordance With (Ec) No. 1272/2008



**Signal Word** Danger

**Hazard Statements**

H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

**Precautionary Statements**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container to ...

**Supplementary Precautionary Statements**

P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.

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P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
P370+378	In case of fire: Use ... for extinction.
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.

### 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

<b>BUTYL ACETATE -norm</b>	<b>10-30%</b>
<b>CAS-No.: 123-86-4</b>	<b>EC No.: 204-658-1</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT Single 3 - H336	Classification (67/548) R10 R66 R67
<b>ETHANOL</b>	<b>30-60%</b>
<b>CAS-No.: 64-17-5</b>	<b>EC No.: 200-578-6</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548) F;R11
<b>ISOBUTYL ACETATE</b>	<b>10-30%</b>
<b>CAS-No.: 110-19-0</b>	<b>EC No.: 203-745-1</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066	Classification (67/548) F;R11 R66
<b>METHANOL</b>	<b>1-5%</b>
<b>CAS-No.: 67-56-1</b>	<b>EC No.: 200-659-6</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT Single 1 - H370	Classification (67/548) F;R11 T;R23/24/25,R39/23/24/25

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

#### **General Information**

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### **Inhalation.**

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

#### **Ingestion**

DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

#### **Skin Contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists 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. Contact physician if irritation persists.

### 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**

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

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

### 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.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

### 6.2. Environmental precautions

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

## 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. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment.

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

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

#### **Storage Class**

Flammable liquid storage.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

## 2007/900 HCF CELLULOSE THINNERS

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
ETHANOL	WEL	1000 ppm	1920 mg/m3			
ISOBUTYL ACETATE	WEL	150 ppm	724 mg/m3	187 ppm	903 mg/m3	
METHANOL	WEL	200 ppm	266 mg/m3	250 ppm	333 mg/m3	

WEL = Workplace Exposure Limit.

### Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective Equipment



#### Engineering Measures

Provide adequate general and local exhaust ventilation.

#### Respiratory Equipment

Respiratory protection must be used if air contamination exceeds acceptable level.

#### Hand Protection

Use protective gloves.

#### Eye Protection

Use approved safety goggles or face shield.

#### 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. Wash promptly with soap & water if skin becomes 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
Odour	Characteristic
Initial Boiling Point and Boiling Range:	104
Flash Point (°C)	17

### 9.2. Other information

Volatile Organic Compound (VOC) 827 g/litre

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid heat. Avoid contact with oxidisers or reducing agents.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

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

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****General Information**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation**

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may irritate respiratory system or lungs.

**Ingestion.**

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Narcotic effect.

**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**

Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.

**Route of entry**

Inhalation. Ingestion. Skin and/or eye contact.

**Target Organs**

Respiratory system, lungs

**Medical Symptoms**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity:**

There are no data on the ecotoxicity of this product.

**12.1. Toxicity****12.2. Persistence and degradability****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****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) 1263

**14.2 UN Proper Shipping Name**

PAINT OR PAINT RELATED MATERIAL

Proper Shipping Name PAINT OR PAINT RELATED PRODUCTS

**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

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## 14.4. Packing group

ADR/RID/ADN Packing group II

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

Tunnel Restriction Code (D/E)

## 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.

#### **Guidance Notes**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. Spraying of Highly Flammable Liquids EH9.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

**Revision Date** 28/06/2013

**Revision** 2

**Supersedes Date** 23/06/2011

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

R10 Flammable.

R11 Highly flammable.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and 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.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

H370 Causes damage to organs <<Organs>>.