



**SAFETY DATA SHEET**  
**Glycol Phthalate Wax**

Version: 1  
Date: 19-01-2012

**1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**Product Identifiers**

Product Name: **Glycol Phthalate Wax**  
Product code: OCON-324

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

Identified uses: Wax for mounting samples.  
Uses advised against: This product is to be used only for the purpose stated above.

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

Manufacturer: Logitech Ltd  
Erskine Ferry Road  
Old Kilpatrick  
Glasgow  
G60 5EU  
Scotland, UK

Telephone +44 (0) 1389 875444  
E-mail coshh.info@logitech.uk.com

**Emergency telephone number**

+44 (0) 1389 875444 (09:00 – 17:00 Monday to Friday)

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**2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

This material is a mixture

**Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:**

Not classified as hazardous

**Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC**

Not classified as dangerous

**Label elements**

**Labelling elements according to Regulation (EC) 1272/2008 (EU 'CLP' regulation)**

No labelling required under these regulations

**Labelling elements according to CHIP and EU Directives 67/548/EEC or 1999/45/EC**

No labelling required under these regulations

**Other Hazards**

No information available.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

This material is a substance

There are no hazardous substances present at or above threshold limits:

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#### 4. FIRST AID MEASURES

##### Description of first aid measures

##### General advice

Remove from source of exposure.

##### Inhalation

If powder / dust is inhaled, remove material by mechanical means (blowing nose, coughing etc) Do not use solvents. If person experiences continued irritation seek medical advice.

Inhalation of fumes from hot material: Move to fresh air. If person experiences continued irritation seek medical advice.

##### Ingestion

Do not induce vomiting. Seek medical advice

##### Skin contact

Wash area with soap and water then rinse thoroughly with water. If person experiences persistent irritation seek medical advice.

##### Eye contact

Wash out with plenty of water. After initial flushing, remove any contact lenses and continue flushing.

Seek medical advice in the event of continued irritation or other complaints.

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

No specific effects and/or symptoms have been reported or are known.

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

None

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#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing media

Suitable extinguishing media: Water spray, alcohol resistant foam, dry extinguishing powder, carbon dioxide

Unsuitable extinguishing media: None

##### Special hazards arising from the substances or mixture

Product is based on organic materials. Combustion will produce carbon dioxide, carbon monoxide and irritating or toxic organic chemicals.

##### Advice for fire fighters

Wear self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

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

Spillages may create a slip hazard.

Minimise contact with skin – wear gloves when handling the material.

##### Environmental precautions

Do not allow to contaminate rivers, streams, other waterways, drains, soil or the remaining environment.

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

Sweep or scrape the spillage into a sealable storage container.

##### Reference to any other sections

See section 13 for disposal information

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## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Minimise skin contact.  
Avoid breathing dust.  
Avoid breathing fumes from heated material. Ensure good ventilation.  
Dust / air mixtures may present an explosive hazard under some circumstances.

### Conditions for safe storage, including any incompatibilities

No special requirements

### Specific end use(s)

None identified

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### Exposure limits:

The UK Workplace Exposure Limit (WEL) for general nuisance dust applies to this material:

Inhalable dust	LTEL	10 mg/m <sup>3</sup> (8 hr TWA)
Respirable dust	LTEL	4 mg/m <sup>3</sup> (8 hr TWA)

Other exposure limits may be specified in other countries. Check national legislation for appropriate exposure limits.

Exposure should be controlled to avoid exceeding the specified limits.

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available

### Exposure controls

#### Appropriate engineering controls

Provide ventilation / extraction to prevent inhalation of excessive dust, or fume from heated material.

#### Personal protective equipment

If PPE is necessary to control exposure use the following:

Respiratory protection	For dust only, use an EN149 approved respirator fitted with a particle filter (type P1, P2 or P3). For dust and fumes from hot material, use an EN149 approved respirator fitted with a combined particle and organic vapour filter (type AP). The correct selection, fitting, use, storage and maintenance of respiratory protective equipment is important. Follow manufacturer's recommendation or seek expert advice. HSE document HSG 53 provides some guidance
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Hand protection	Wear protective gloves (all types suitable provided they are replaced before the inside becomes contaminated with the product).
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Skin protection	Long sleeved clothing.
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Eye protection	EN approved goggles or face shield
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemicals properties

Appearance:	clear colourless solid
Odour:	none when cold, 'resin' odour when heated
Odour threshold:	information not available
pH:	information not available
Melting point:	starts at 71 °C, fluid at 120 °C
Boiling point:	information not available

Flash point:	260 °C (COC)
Evaporation rate	information not available
Flammability	information not available
Upper/lower explosive limits	information not available
Vapour pressure	information not available
Vapour density	information not available
Density	1.31 g/cm <sup>3</sup>
Solubility in water:	Insoluble in water.
Solubility in other	
Ingredients:	information not available
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	information not available
Decomposition temperature	information not available
Viscosity	information not available
Explosion properties:	information not available
Oxidising properties:	Not oxidising.

#### Other information

No additional data available

### 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive to materials commonly used in the transportation, handling and storage.

#### Chemical stability

Stable at room temperature.

#### Possibility of hazardous reactions

No hazardous reactions known

#### Conditions to avoid

High temperatures, ignition sources

#### Incompatible materials

Strong oxidising agents

#### Hazardous decomposition products

Combustion will produce carbon dioxide, carbon monoxide and irritating or toxic organic chemicals.

### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

Acute toxicity	no data available – not expected to be toxic
Skin corrosion/irritation	no data available – not expected to be irritant
Serious eye damage/ eye irritation	no data available – not expected to be an eye irritant
Respiratory or skin sensitisation	no data available - not expected to cause skin or respiratory sensitisation.
Germ cell mutagenicity	no data available
Reproductive toxicity	no data available
Specific target organ toxicity – Single exposure	no data available.
Specific target organ toxicity – Repeated exposure	no data available.
Aspiration hazard	no data available.

#### Further information

The toxicological properties have not been fully investigated.

### 12. ECOLOGICAL INFORMATION

#### Toxicity

Acute toxicity for fish                      no data available  
Acute toxicity for crustacea                no data available  
Acute toxicity for algae                      no data available

**Persistence and biodegradability**

Data not available.

**Bioaccumulative potential**

Data not available.

**Mobility in Soil**

Data not available.

**Results of PBT and vPvB assessment**

No components are classified as PBT or vPvB.

**Other adverse effects**

Data not available

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Product**

Dispose of product as non-hazardous waste in accordance with local, national and international legislation, using an approved registered waste disposal company.  
The European Waste Code will depend upon the use of the product and cannot be specified here

**Packaging**

Clean or contaminated packaging can be disposed of as general waste: European Waste Code 15 01 xx (xx will depend upon the type of packaging e.g. plastic, cardboard etc. Refer to European Waste Catalogue). Recycle such waste wherever possible.

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**14. TRANSPORT INFORMATION**

**UN number**

Not a dangerous good

**UN proper shipping name**

Not a dangerous good

**Transport hazard class(s)**

Not a dangerous good

**Packing group**

Not a dangerous good

**Environmental hazards**

Not a dangerous good

**Special precautions for user**

None identified

**Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

No information available

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**15. REGULATORY INFORMATION**

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended by regulation (EU) No 453/2010.

Any Workplace exposure Limits given in section 8 have been taken from the UK HSE document: EH40/2005 Workplace exposure limits (2<sup>nd</sup> edition, 2011) as amended.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

Regulation (EC) 286/2011 Second Adaptation to Technical Progress (ATP) for CLP regulation  
EU Directive 67/548/EEC ('Dangerous Substances Directive')  
Regulation (EC) No 1907/2006 ('REACH')  
Regulation (EU) No 453/2010.

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
None identified

**Chemical safety assessment**

A Chemical Safety Assessment has not been undertaken for this product.

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**16. OTHER INFORMATION**

The information contained in the Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, storage, transportation and disposal. It is not intended as a warranty or specification. The information relates only to the product specified and may not be suitable for combinations with other materials.