

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 sheetManufacturer: Logitech Ltd
Erskine Ferry Road
Old Kilpatrick
Glasgow
G60 5EU
Scotland, UKTelephone +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)

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	Index #	WT %	GHS CLASSIFICATION
Phthalic anhydride with <0.05% Maleic anhydride	85-44-9	201-607-5	607-009-00-4	68%	NONE APPLICABLE TO MIXTURE
Ethylene Glycol	107-21-1	203-473-3	603-027-00-1	32%	NONE APPLICABLE TO MIXTURE

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. **MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

Indication of any immediate medical attention and special treatment needed

Treat symptoms and reduce over-exposure.

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

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Use appropriate respirator when ventilation is inadequate and use personal protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards.

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

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

Store in a cool place in original container and protect from sunlight. For storage & usage, it is important to take special notice of the shelf life of this product which is provided on the Cert. of Analysis.

Specific end use(s)

None identified

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/m³ (8 hr TWA)

Respirable dust LTEL 4 mg/m³ (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

Hand protection

Wear protective gloves (all types suitable provided they are replaced before the inside becomes contaminated with the product.

Skin protection

Long sleeved clothing.

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:	>100 °C (212 °F)
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	>1
Density	1.31 g/cm ³
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

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.

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

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 (2nd 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.

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.