

**Section 1. Identification****1.1 Product Identifier**

1944

Product Name

PHLOROGLUCINOL pure

CAS Number

108-73-6

REACH Registration No

A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

Molecular Formula

 $C_6H_3(OH)_3 \cdot 2H_2O = 162.14$ **1.2 Relevant identified uses of the substance or mixture & uses advised against**

Uses of Material

Chemical for industrial and laboratory use. Not suitable for domestic use.

**1.3 Supplier**

Vickers Laboratories Ltd



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**1.4 Emergency Telephone**

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(24hr) 112

(Have this document to hand)

**Section 2. Hazards Identification****2.1 Classification of the substance or mixture****Classification according to regulation 1272/2008/EC**

Skin corrosion/irritation, category 2

H315: Causes skin irritation.

Serious eye damage/irritation, category 2

H319: Causes serious eye irritation.

Skin sensitization, category 1

H317: May cause an allergic skin reaction.

Spec target organ tox - single, category 3

H335: May cause respiratory irritation.

**2.2 Label elements****Labelling according to regulation 1272/2008/EC**

Signal word

Warning

Hazard Pictograms



Hazard Statements	Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.
Precautionary Statements	Avoid breathing dust / fume / gas / mist / vapours / spray. Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing.

## Section 3. Composition

### 3.1 Substances

Component	CAS No.	EEC No.	REACH No.	Conc w/w	CLP Classification (1272/2008/CE)
Phloroglucinol	108-73-6	203-611-2		95%	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3 (I)

## Section 4. First Aid

### 4.1 Description of first aid measures

Eyes	Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.
Skin	Wash off skin thoroughly with water.
Inhalation	Remove from exposure.
Ingestion	Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.
Personal protection for first aiders	Wear protective gloves / eye protection.

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

No further relevant information available.

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

No further relevant information available.

## Section 5. Fire Fighting

### 5.1 Extinguishing media

Extinguishing Media	Water spray, foam, dry powder or carbon dioxide.
Unsuitable Media	Nothing specified.

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

Hazards	Presents no specific fire danger.
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### 5.3 Advice for firefighters

Advice for firefighters	Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus.
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## Section 6. Accidental Release Measures

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

Personal Protection	Avoid breathing dust-wear respiratory protective equipment.
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## 6.2 Environmental precautions

Environmental Presents no major environmental hazard.

## 6.3 Methods and material for containment and cleaning up

Major Spillage Shovel/sweep up into container for removal Wash area down with detergent and copious amounts of water.  
Minor Spillage Wash area down with copious amounts of water.

## 6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

# Section 7. Storage & Handling

## 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.  
Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

## 7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage .

## 7.3 Specific end use(s)

See section 1.2.

# Section 8. Workplace Exposure & Personal Protection

## 8.1 Control parameters

Component	CAS No	Concentration	Workplace Exposure Limits			
			Long Term (8hr TWA)		Short Term 15min period	
Phloroglucinol	108-73-6	95%	-	-	-	-

Exposure data source(s) No occupational exposure data currently available.

## 8.2 Exposure controls

Respiratory Protection If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.  
Hand Protection Wear gloves.  
Eye Protection Use tightly fitting chemical splash proof glasses or goggles.  
Skin Protection Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.  
Special Hazards No special precautions required.

# Section 9. Physical & Chemical Properties

## 9.1 Information on basic physical and chemical properties

Appearance Off-white, cream or brown combustible powder.  
Odour No specific odour.  
pH Not applicable  
Boiling Point Not available  
Melting Point 218°C  
Flash Point Not applicable  
Upper Flammable Limit Not applicable  
Lower Flammable Limit Not applicable  
Auto Ignition Not applicable  
Explosive Properties No.  
Oxidising Properties No.  
Vapour Pressure Not applicable  
Relative Density Not available  
Water Solubility Slightly soluble in water.

## 9.2 Other information

No data available.

## Section 10. Stability & Reactivity

- |      |                                    |  |
|------|------------------------------------|--|
| 10.1 | Reactivity                         | No data available.   |
| 10.2 | Chemical Stability                 | Stable under normal conditions                                     |
| 10.3 | Possibility of hazardous reactions | No data available.   |
| 10.4 | Conditions to Avoid                | Hot surfaces, naked flames or other sources of ignition.           |
| 10.5 | Incompatible Materials             | Strong oxidising agents.   |
| 10.6 | Hazardous Decomposition Products   | Burning will produce smoke, carbon monoxide and/or carbon dioxide. |

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

- |                      |   |
|----------------------|---|
| Eyes                 | Contact with the solid or dust may cause severe irritation.   |
| Skin                 | Contact with the solid or dust will be irritating to the skin. May cause sensitisation by skin contact. |
| LD50 Skin            | >2600mg/kg Rat  |
| Ingestion            | Presents no significant hazard by ingestion.  |
| LD50 Oral            | 4000 - 5800mg/kg Rat  |
| Inhalation           | Inhalation of dust may produce irritation of the respiratory tract.                                     |
| LD50 Inhalation      | Not available   |
| TCLo                 | Not available   |
| Carcinogenicity      | Not considered to be a carcinogen.  |
| Mutagenicity         | Not considered to be a mutagen.   |
| Reproductive Effects | None identified.  |

## Section 12. Ecological

- |      |                                  |   |
|------|----------------------------------|---|
| 12.1 | Toxicity                         | Small amounts present no specific environmental hazard. |
|      | LC50 Algal                       | Not available   |
|      | LC50 Crustacea                   | Not available   |
|      | LC50 Fish                        | Not available   |
| 12.2 | Persistence and degradability    | No data available.                                      |
| 12.3 | Bioaccumulative potential        | No data available.                                      |
| 12.4 | Mobility in soil                 | No data available.                                      |
| 12.5 | Results of PBT & vPvB assessment | Assessment not required.                                |
| 12.6 | Other adverse effects            | None known at present.                                  |

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

- |                        |   |
|------------------------|---|
| Disposal Methods       | Do not dispose of as domestic waste. Dispose of to a licensed land fill site. |
| Contaminated Packaging | Wash out containers with water. Use a licensed waste disposer.                |


## Section 14. Transport Information

<b>14.1 UN Number</b>	Non-restricted
<b>14.2 Proper Shipping Name</b>	Non-restricted
<b>14.3 Transport classes</b>	
UN classification	None
Subsidiary hazard(s)	None
Transport category	None
ADR Hazard ID	Non-restricted
Tunnel Restriction Code	Non-restricted
<b>14.4 Packing Group</b>	None
<b>14.5 Environment hazards</b>	See section 12.
<b>14.6 Special precautions for user</b>	No special precautions required.
<b>14.7 Transport in bulk</b>	Not transported in bulk.

## Section 15. Regulatory Information

### 15.1 Safety, health and environment regulations specific for substance/mixture.

#### Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification	Skin corrosion/irritation, category 2; Serious eye damage/irritation, category 2; Skin sensitization, category 1; Spec target organ tox - single, category 3
Signal word	Warning
Hazard Pictograms	
Hazard Statements	H315, H319, H317, H335 Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.
Hazard Statements (Packs of 100ml/g or less)	H315, H319, H317, H335 Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.
Precautionary Statements	P261, P264, P280, P302+P352, P305+P351+P338 Avoid breathing dust / fume / gas / mist / vapours / spray. Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing.
Precautionary Statements (Packs of 100ml/g or less)	P261, P264, P280 Avoid breathing dust / fume / gas / mist / vapours / spray. Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection.

### 15.2 Chemical safety assessment

Assessment not required.

## Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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