

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

## 1.1. Product identifier

Product name Brown Hand Brushing Glaze

Product No. P2836

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

Identified uses Ceramic Glaze

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

Supplier Pottery crafts Ltd  
Campbell Road,  
Stoke on Trent  
Staffordshire  
England.  
ST4 4ET  
Tel 44 (0)1782 745000  
sales@pottery crafts.co.

## 1.4. Emergency telephone number

+44(0)1782 745000 (office Hours)

**SECTION 2: HAZARDS IDENTIFICATION**

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical	Not Classified
Hazards	
Human health	Not classified.
Environment	Aquatic Chronic 3 - H412

Classification (1999/45/EEC) R52/53.

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

## Human health

Frequent inhalation of vapour/spray over a long period of time increases the risk of developing lung diseases. The hazardous properties of the product are considered limited. However, the product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

## Environment

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

## 2.2. Label elements

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

No pictogram required.

## Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

## Supplementary Precautionary Statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to ...

## Supplemental label information

EUH208 Contains  
Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole

2.3. Other hazards

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

3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione 0.5-1%	
CAS-No.: 5395-50-6	EC No.: 226-408-0
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.

ZINC OXIDE 0.25-0.5%		
CAS-No.: 1314-13-2	EC No.: 215-222-5	Registration Number: 01-2119463881-32-****
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.	

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. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious.

Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Rinse with water. Contact physician if 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

Use fire-extinguishing media appropriate for surrounding materials.

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

## Unusual Fire &amp; Explosion Hazards

No unusual fire or explosion hazards noted.

## 5.3. Advice for firefighters

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

**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 discharge into drains, water courses or onto the ground.

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

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

## 6.4. Reference to other sections

3.

**SECTION 7: HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated

areas with water and soap before leaving the work site.

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

Store in tightly closed original container in a dry and cool place.

## 7.3. Specific end use(s)

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1. Control parameters

Name	STD	TWA- 8Hrs	STEL _ 15 Mins	Notes
ZINC OXIDE		5mg/m <sup>3</sup>		

**ZINC OXIDE (CAS: 1314-13-2)**

## Ingredient Comments

WEL = Workplace Exposure Limits

DNEL

Industry	Dermal	Long Term	Systemic Effects	83 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	5 mg/m <sup>3</sup>
Consumer	Dermal	Long Term	Systemic Effects	83 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	2.5 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	0.83 mg/kg/day

The units are expressed in " mg/um " of zinc.

PNEC

Freshwater	0.0206	mg/l
Marinewater	0.0061	mg/l
Sediment (Freshwater)	235.6*	mg/kg
Sediment (Marinewater)	113*	mg/kg
Soil	106.8**	mg/kg
Soil	0.052	mg/l

The units given are 'mg' of Zinc. These PNECs are added value PNECs - they are to be added to the natural background

levels of Zinc. In the appropriate compartments (e.g. soils, sediments). (\*) A generic bioavailability factor of 0.5 is applied

by default, according to the EU risk assessment (ECB 2008) (\*\*) by default this value was multiplied by '3' to take into account "lab-to-field" differences in toxicity. (\*\*\*) The PNEC for STP was derived by applying an assessment factor to the lowest relevant toxicity value (5.2 mg Zn/L). (Durka et al., 1983)

## 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

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

### Eye protection

If risk of splashing, wear safety goggles or face shield.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: [www.potterycrafts.co.uk](http://www.potterycrafts.co.uk) ;

Appearance	Brown Coloured liquid.
Odour	No characteristic odour.
Relative density	1-2
pH-Value, Conc. Solution	6-8

## 9.2. Other information

## **SECTION 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Not relevant

### 10.4. Conditions to avoid

Not known.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

Not known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### 11.1. Information on toxicological effects

#### Toxicological information

No data recorded.

#### General information

No specific health warnings noted.

#### Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

#### Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

## **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

### 12.2. Persistence and degradability

#### Degradability

The product solely consists of inorganic compounds which are not 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**

General                The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

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

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1907/2006 of the European

Parliament

and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

### **SECTION 16: OTHER INFORMATION**

Revision Date                12/08/2019

Revision                        4

Supersedes date              23/11/2016

Risk Phrases In Full

R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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.