POTTERYCRAFTS LIMITED

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Pistachio Spice L/S H/Brushing Glaze

Product number P0101

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 Potterycrafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@potterycrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation - EUH208

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ZINC OXIDE		1 - 2.5%
CAS number: 1314-13-2	EC number: 215-222-5	REACH registration number: 01-2119463881-32-****
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione	0.25-0.5%
CAS number: 5395-50-6 EC number: 226-408-0	
Classification Skin Sens. 1B - H317	

COPPER OXIDE	0.25 - 0.5%
CAS number: 1317-38-0 EC number: 215-269-1 REACH registration number: 01-2119502447-44-xxxx	
M factor (Acute) = 1	
Classification Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

Fine Fraction Crystalline Silica	<0.1%
CAS number: 14808-60-7 EC number: 238-878-4	
Classification STOT RE 1 - H372	

1,2-BENZISOTHIAZOL-3(2H)-ONE	<0.1%
CAS number: 2634-33-5 EC number: 220-120-9	
M factor (Acute) = 1 M factor (Chronic) = 10	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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 affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. 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. Get medical attention if any 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

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precaution Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other Contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions 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

Occupational exposure limits

ZINC OXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): 10 mg/m³

COPPER OXIDE

Long-term exposure limit (8-hour TWA): 1 mg/m³

Short-term exposure limit (15-minute): 2 mg/m³

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

WEL = Workplace Exposure Limit

4.

ZINC OXIDE (CAS: 1314-13-2)

DNEL

Workers - Inhalation; Long term, systemic effects : 5 mg/m³

Workers - Inhalation; Long term local effects: 0.5 mg/m³

Workers - Dermal; Long term systemic effects: 83 mg/kg/day

General population - Inhalation; Long term systemic effects: 2.5 mg/m³

General population - Dermal; Long term systemic effects: 83 mg/kg/day

General population - Oral; Long term systemic effects: 0.83 mg/kg/day

PNEC

- Fresh water; 0.0206 mg/l

- Marine water; 0.0061 mg/l

- STP; 100 µg/l

- Sediment (Freshwater); 235.6* mg/kg, sediment dw

- Sediment (Marinewater); 113* mg/kg, sediment dw

- Soil; 106.8** mg/kg

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)

COPPER OXIDE (CAS: 1317-38-0)

DNEL

Industry - Dermal; Long term systemic effects: 137 mg/kg/day

Industry - Oral; Long term systemic effects: 0.041 mg/kg/day

PNEC

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Fresh water; 0.0078 mg/l

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Marine water; Long term 0.0052 mg/l

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Sediment (Freshwater); 87 mg/kg

- Sediment (Marinewater); 676 mg/kg

- Soil; 65 mg/kg

- STP; 0.23 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	No characteristic odour.
pH pH (diluted solution):	6-8
Relative density	1-2 @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant

10.4. Conditions to avoid

Conditions to avoid	Not known.

10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products	Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.

SECTION 12: Ecological Information

Ecotoxicity	The product contains a substance which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances 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

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations 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

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Dangerous Substances 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) (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 17/08/2015

Revision 7

Supersedes date 08/08/2014

Hazard statements in full EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.
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.