

---

## SAFETY DATA SHEET

---

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

#### 1.1 Product identifier

- Product Name: Microencapsulated Slurry in Water H412

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

- Use of the substance/mixture: Manufacture of temperature-indicating products and temperature-sensitive decorative effects.

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

- Name of Supplier: LCR Hallcrest
- Address of Manufacturer: Riverside  
Buildings, Dock  
Road, Connah's  
Quay, Deeside,  
Flintshire, CH5  
4DS, Wales. U.K.
- Telephone: +44 (0) 1244 817107
- Email: Sales@lcrhallcrest.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +44 (0)1244 818348
- 

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Aquatic Chronic

#### 3 2.2 Label elements

- Signal Word:
- Hazard statements  
Contains pentylphenyl methoxybenzoate. May produce an allergic reaction.  
Harmful to aquatic life with long lasting effects.
- Precautionary statements  
Avoid release to the environment.  
Dispose of contents/container to hazardous waste disposal

#### 2.3 Other hazards

---

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

- 4-Pentylphenyl 4-methoxybenzoate
-

### SECTION 3: Composition/information on ingredients (....)

CAS Number: 38444-13-2  
EC Number: 253-932-7  
Concentration: 0.3% - 0.9%  
Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1  
H Statements: H315-H317-H319-H410

---

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin  
IF ON SKIN: Gently wash with plenty of soap and water.
- Ingestion  
Do not induce vomiting  
Get medical advice/attention if you feel unwell.
- Inhalation  
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

- Contact with eyes  
May cause irritation
- Contact with skin  
May cause an allergic skin reaction.
- Ingestion  
May cause gastro-intestinal disturbances
- Inhalation  
May cause irritation

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

- IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- 

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

#### 5.2 Special hazards arising from the substance or mixture - No information available

#### 5.3 Advice for firefighters

- Wear suitable respiratory protection

## **SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures - Wash thoroughly after dealing with spillage**

**6.2 Environmental precautions**

- Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up**

- Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**6.4 Reference to other sections**

- For disposal refer to section 13.
- 

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

- Avoid release to the environment.
- Dispose of contents/container to hazardous waste collection point.

**7.2 Conditions for safe storage, including any incompatibilities**

- No special precautions are required for this product

**7.3 Specific end use(s)**

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
- 

## **SECTION 8: Exposure controls/personal protection**



**8.1 Control parameters**

- No information available

**8.2 Exposure controls**

- The usual precautions for handling chemicals should be observed
  - Use personal protective equipment as required.
- 

## **SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

- Appearance: Liquid
  - pH - not known
  - Melting point - not known
  - Boiling point - not known
  - Freezing point/Range: Not available
  - Vapour density - not known
  - Specific gravity - not known
  - Fat solubility - not known
  - Partition coefficient : n-Octanol/water - not known
-

## SECTION 9: Physical and chemical properties (....)

- Viscosity - not known
- Water solubility - not known

### 9.2 Other information

- No information available
- 

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Stable

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- No special requirements

### 10.5 Incompatible materials

- No special requirements

### 10.6 Hazardous decomposition products

- Burning produces obnoxious and irritating fumes.
- 

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data is available on this product.
  - May cause irritation to skin
  - May cause sensitisation by skin contact.
  - Germ cell mutagenicity - No data is available on this product
  - IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
  - Reproductive Effects: No information available
  - STOT-single exposure: No data is available on this product.
  - STOT-repeated exposure: No data is available on this product.
  - Aspiration hazard: No data is available on this product.
  - Repeated or prolonged exposure :No data is available on this product.
- 

## SECTION 12: Ecological information

### 12.1 Toxicity

- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulative potential

- No information available
-

## **SECTION 12: Ecological information (....)**

### **12.4 Mobility in soil**

- No information available

### **12.5 Results of PBT and vPvB assessment**

- No information available

### **12.6 Other adverse effects**

- May cause long-term adverse effects in the environment
- 

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

- Dispose of contents/container to hazardous waste
- 

## **SECTION 14: Transport information**

**Not classified as hazardous for transport**

### **14.1 UN number**

- UN No.: Not applicable

### **14.2 Proper Shipping Name**

- Proper Shipping Name: Not

**applicable 14.3 Transport hazard class(es)**

- Hazard Class: Not applicable

### **14.4 Packing group**

- Packing Group: Not applicable

### **14.5 Environmental hazards**

- Not Classified

### **14.6 Special precautions for user**

- Not Classified

### **14.7 Transport in bulk according to Annex II of Marpol and the IBC**

**Code - Not Classified**

---

## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.

**SECTION 15: Regulatory information (....)**

**15.2 Chemical safety assessment**

- A chemical safety assessment (CSA) for this product has not yet been completed
- 

**SECTION 16: Other information**

This information supplied in this Safety Data Sheet is designed only as guidance for the safe use and storage of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information only relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---

---