



The Soap Kitchen (2011) Ltd  
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## MATERIAL SAFETY DATA SHEET

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

|   |   |                            |   |            |   |
|---|---|----------------------------|---|------------|---|
| <b>1.1 Product Identifier</b>   |   |                            |   |            |   |
| Product Name  |   | Emulsifying Wax BP (P9115) |   |            |   |
| Biological Definition   |   | -                          |   |            |   |
| INCI Name   |   | -                          |   |            |   |
| Synonyms & Trade Names  |   | -                          |   |            |   |
| CAS-No  | - | EC No.                     | - | EINECS No. | - |
| <b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>        |   |                            |   |            |   |
| No additional data  |   |                            |   |            |   |
| <b>1.3 Details of the supplier of the safety data sheet</b>                                     |   |                            |   |            |   |
| The Soap Kitchen<br>Unit 8<br>Caddsdwn Industrial Park<br>Clovelly Road<br>Bideford<br>EX39 3DX |   |                            |   |            |   |
| <b>1.4 Emergency Tel. No.</b>   |   | + 44 (0) 1260 222 943      |   |            |   |

### 02. HAZARDS IDENTIFICATION

|   |  |
|---|--|
| <b>2.1 Classification of the substance or mixture</b> |  |
| No additional data                                    |  |
| Classification (EC 1272/2008)                         |  |
| Eye Irrit. 2 – H319<br>Skin Irrit. 2 – H315           |  |
| <b>2.2 Label Elements</b>                             |  |
| Label in accordance with (EC) No 1272/2008            |  |

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|   |  |
|---|--|
| Signal Word   | Warning  |
| Contains  | -  |
| Hazard Statements   |  |
| H315 – Causes skin irritation<br>H319 – Causes serious eye irritation   |  |
| Precautionary Statements  |  |
| P264 – Wash hands thoroughly after handling<br>P280 – Wear protective gloves/protective clothing/eye protection/face protection<br>P337/P313 – If eye irritation persists – Get medical advice/attention<br>P332/P313 – If skin irritation occurs – Get medical advice/attention. |  |
| Supplementary Statements  |  |
| No additional data  |  |
| <b>2.3 Other Hazards</b>  |  |
| PBT or vPvB according to Annex XIII   | This product is not identified as a PBT or vPvB. |
| Adverse physio-chemical properties  | No additional data                               |
| Adverse effects on human health   | No additional data                               |

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

|  |
|--|
| <b>3.2 Mixtures</b>  |
| <b><u>1 – 10% Sulfuric Acid, C11 – 18- Alkyl (Even Numbers) Esters, Sodium Salts</u></b><br><b>CAS: 68955-19-1</b><br><b>Classification:</b> <ul style="list-style-type: none"> <li>- Eye Dam. 1 – H318</li> <li>- Skin Irrit. 2 – H315</li> <li>- Aquatic Chronic 3 – H412</li> </ul>                           |
| <p>A blend of fatty alcohols and Sodium Lauryl Sulphate. There are no additional ingredients present, which to the best of our knowledge, are classified and contribute to the classification of the substance and hence require reporting in this section in accordance with Regulation (EC) No. 1272/2008.</p> |

## 04. FIRST AID MEASURES

|  |
|--|
| <b>4.1 Description of first aid measures</b> |
|--|

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|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Remove to fresh air immediately and remain at rest in a position which is comfortable for breathing. If discomfort occurs/continues, seek medical attention.   |
| <b>Ingestion</b>    | Do NOT induce vomiting. No emergency measures are expected to be required for the quantity that is likely to be ingested accidentally, however if discomfort does occur/continues, seek medical attention immediately. If large amounts are ingested seek medical attention immediately. |
| <b>Skin Contact</b> | Remove contaminate clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.   |
| <b>Eye Contact</b>  | Rinse eyes with clean water for a minimum of fifteen minutes whilst holding the eyelids are wide open. If discomfort occurs/continues, seek medical attention.   |

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

#### **Inhalation**

- There may be irritation of the throat with a feeling of tightness in the chest. There may be shortness of breath with a burning sensation in the throat.

#### **Skin Contact**

- There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact.

#### **Ingestion**

- There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

#### **Eye Contact**

- There may be pain and redness. The vision may become blurred. The eyes may water profusely. There may be severe pain. May cause permanent damage.

#### **IN CONTACT WITH OR SPLASHED BY HOT LIQUID**

##### **Skin Contact:**

- Cool the skin immediately with cool water. Treat burns according to their severity. Obtain medical attention. Never try to remove the material with solvents.

##### **Contact with eyes:**

- Cool the area immediately with cold water. Seek advice of an ophthalmologist.

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

Treat symptomatically

## **05. FIRE-FIGHTING MEASURES**

### 5.1 Extinguishing Media

- Foam
- Dry Chemical Powder
- Carbon Dioxide
- Water Mist

### 5.2 Special hazards arising from the product

Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.

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## 5.3 Advice for firefighters

Only suitably trained personnel should attempt to tackle fires. Do not stay in the danger zone without respiratory protective equipment and protective clothing.

Wear self-contained respiratory equipment and appropriate protective clothing at all times whilst tackling fire.

## 06. ACCIDENTAL RELEASE MEASURES

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

Surfaces may become slippery after spillage.

### 6.2 Environmental Precautions

Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage systems or open water courses of any description.

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

Use sand or active clay to absorb and contain the product. Remove spilled product to suitable, clearly labelled containers for the disposal.

### 6.4 Reference to other sections

Section 13

## 07. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid skin contact. Avoid inhalation of vapour, mist or fumes. Do not wear contaminated clothing. Avoid contact with the eyes – wear chemical protective goggles when handling the product. Protective clothing such as impervious gloves should be worn if skin contact is anticipated. Protective clothing should be regularly inspected and maintained, discard oil saturated leather articles. The use of barrier and after work creams may be beneficial. Wash hands after working with the material. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment. Do not eat, drink or smoke whilst handling this product. Observe good safety and hygiene practices at all times.

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

Keep containers tightly closed at all times when not in use. Avoid heat, direct light including sunlight and sources of ignition. Store in original containers or in other mild steel or high-density polyethylene containers which are closable and clearly labelled. Clean up any spilled material immediately. Ensure containers are clearly labelled.

### 7.3 Specific end use(s)

No additional data

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## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Oil mist <2mg/m<sup>3</sup>

In all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

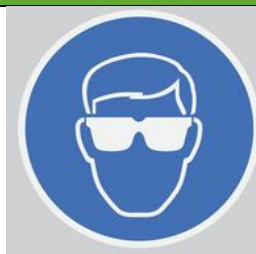
DNEL/PNEC VALUES:

- Hazardous ingredients:  
SULPHURIC ACID, C12 – 18 – ALKYL (EVEN NUMBERS) ESTERS SODIUM SALTS  
CAS: 68955-19-1

| TYPE | EXPOSURE                                 | VALUE                 | POPULATION | EFFECT   |
|------|--|-----------------------|------------|----------|
| DNEL | DERMAL                                   | 4060 mg/kg bw/day     | WORKERS    | SYSTEMIC |
| DNEL | INHALATION                               | 285 mg/m <sup>3</sup> | WORKERS    | SYSTEMIC |
| DNEL | DERMAL                                   | 2440 mg/kg bw/day     | CONSUMERS  | SYSTEMIC |
| DNEL | INHALATION                               | 85 mg/m <sup>3</sup>  | CONSUMERS  | SYSTEMIC |
| DNEL | ORAL                                     | 24 mg/kg bw/day       | CONSUMERS  | SYSTEMIC |
| PNEC | FRESH WATER                              | 0.098 mg/l            | -          | -        |
| PNEC | MARINE WATER                             | 0.0098 mg/l           | -          | -        |
| PNEC | MICROORGANISMS<br>IN SEWAGE<br>TREATMENT | 6.8 mg/kg             | -          | -        |
| PNEC | FRESH WATER<br>SEDIMENT                  | 0.345 mg/kg           | -          | -        |
| PNEC | FRESH WATER<br>SEDIMENT                  | 3.45 mg/kg            | -          | -        |
| PNEC | SOIL<br>(AGRICULTURAL)                   | 0.631 mg/kg           | -          | -        |

### 8.2 Exposure controls

#### Protective Equipment



#### Process Conditions

No additional data

#### Engineering Measures

Eyewash facilities should be made readily available at suitable places. Ensure adequate ventilation throughout all areas.

#### Respiratory Equipment

Not usually required for use with this product when sufficient ventilation has been provided throughout all areas. Respiratory equipment/protection may become necessary in the event of airborne contamination. Inhalation of vapours, fumes, mists etc created from this product should not be inhaled,

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|                                 |   |
|---------------------------------|---|
|                                 | avoid any inhalation with safe working practices and good ventilation at all times.   |
| Hand Protection                 | Use impervious gloves [conforming to EN374 PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended.       |
| Eye Protection                  | Wear appropriate eye protection when handling this product, especially if any risk assessment indicates a splash risk or risk of eye contact.                             |
| Other Protection                | No additional data  |
| Hygiene Measures                | Good hygiene practices are always recommended, especially when handling chemicals, oils or any other type of similar substance.   |
| Personal Protection             | No additional data  |
| Skin Protection                 | No special precautions are needed beyond clean working conditions and safe handling practices and appropriate protective clothing. Change saturated clothing immediately. |
| Environmental Exposure Controls | See section 6   |

### 09. PHYSICAL AND CHEMICAL PROPERTIES

| 9.1 Information on basic physical and chemical properties |  |
|---|--|
| Appearance  | Liquid @ Elevated Temperature<br>Solid @ Ambient Temperature |
| Colour  | -  |
| Odour   | Typical  |
| Relative Density  | 0.83 – 0.86 @ 15°C   |
| Flash Point (°C)  | > 170 °C (ASTM D92, COC)                                     |
| Refractive Index  | No additional data   |
| Melting Point (°C)  | 48.0 – 52.0°C  |
| Boiling Point (°C)  | Initial Boiling Point: >245.0°C                              |
| Vapour Pressure   | <0.01hPa 20°C  |
| Solubility in Water @20°C                                 | <1 mg/l  |
| Auto-ignition temperature (°C)                            | >230 °C  |
| 9.2 Other information                                     |  |
| No additional data  |  |

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## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>10.1 Reactivity</b>  |  |
| This product is not expected to be reactive under normal storage and handling conditions.   |  |
| <b>10.2 Chemical stability</b>  |  |
| Under normal storage and handling conditions, this product is expected to be stable. May react with strong oxidising agents, especially at high temperatures. |  |
| <b>10.3 Possible hazardous reactions</b>  |  |
| No specific hazardous reactions are expected to occur.  |  |
| <b>10.4 Conditions to Avoid</b>   |  |
| Extremes of temperature; store between 5 – 39 °C  |  |
| <b>10.5 Incompatible materials</b>  |  |
| May react with strong oxidants e.g. chlorates, peroxides etc  |  |
| <b>10.6 Hazardous Decomposition Products</b>  |  |
| Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.   |  |

## 11. TOXOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>11.1 Information on toxicological effects</b> |   |
| <b>Acute Toxicity</b>                            | Acute Toxicity (oral) LD50>2600mg/kg<br>Acute Toxicity (dermal) LD50>2000mg/kg  |
| <b>Skin corrosion / irritation</b>               | There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact.                       |
| <b>Serious eye damage / irritation</b>           | There may be pain and redness. The vision may become blurred. The eyes may water profusely. There may be severe pain. May cause permanent damage. |
| <b>Respiratory or skin sensitisation</b>         | Not determined  |
| <b>Germ Cell Mutagenicity</b>                    | Not determined  |
| <b>Carcinogenicity</b>                           | Not determined  |
| <b>Reproductive toxicity</b>                     | Not determined  |
| <b>STOT-single exposure</b>                      | Not determined  |
| <b>STOT-repeated exposure</b>                    | Not determined  |

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|                          |                    |
|--------------------------|--------------------|
| <b>Aspiration hazard</b> | Not determined     |
| <b>Photo-toxicity</b>    | Not determined     |
| <b>Other Information</b> | No additional data |

## 12. ECOLOGICAL INFORMATION

|   |                                 |                                     |
|---|---------------------------------|-------------------------------------|
| <b>12.1 Toxicity</b>  |                                 |                                     |
|   | Environmental Fate              | Not Determined                      |
|   | Aquatic Toxicity (fish)         | 96Hr LC50 – 17mg/l                  |
|   | Aquatic Toxicity (algae)        | 72Hr ErC50 – 20mg/l                 |
|   | Aquatic Toxicity (invertebrate) | 48Hr EC50 – 15/mg/l (Daphnia Magna) |
| <b>12.2 Persistence &amp; degradability</b>   |                                 |                                     |
| Readily Biodegradable.  |                                 |                                     |
| <b>12.3 Bioaccumulation Potential</b>   |                                 |                                     |
| Not determined  |                                 |                                     |
| <b>12.4 Mobility in soil</b>  |                                 |                                     |
| Soluble in Water  |                                 |                                     |
| <b>12.5 Results of PBT and vPvB Assessment</b>  |                                 |                                     |
| This substance does not fulfil the criteria for being classed as a PBT or vPvB substance. |                                 |                                     |
| <b>12.6 Other adverse effects</b>   |                                 |                                     |
| No additional data  |                                 |                                     |

## 13. DISPOSAL CONSIDERATIONS

|   |  |
|---|--|
| <b>13.1 Waste treatment methods</b>   |  |
| Always dispose of this product in accordance with local and national regulations. |  |

## 14. TRANSPORT INFORMATION

|                       |                |
|-----------------------|----------------|
| <b>14.1 UN number</b> |                |
| <b>UN No. Road</b>    | Not Classified |
| <b>UN No. SEA</b>     | Not Classified |
| <b>UN No. AIR</b>     | Not Classified |



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|             |  |
|-------------|--|
| <b>14.2</b> | <b>UN proper shipping name</b>   |
|             | Not Classified   |
| <b>14.3</b> | <b>Transport hazard class(es)</b>  |
|             | Not Classified   |
| <b>14.4</b> | <b>Packing group</b>   |
|             | Not Classified   |
| <b>14.5</b> | <b>Environmental hazards</b>   |
|             | Not Classified   |
| <b>14.6</b> | <b>Special precautions for user</b>  |
|             | Not Classified   |
| <b>14.7</b> | <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b> |
|             | Not Classified   |

## 15. REGULATORY INFORMATION

|             |   |
|-------------|---|
| <b>15.1</b> | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>     |
|             | Directive 67/548/EC<br>Regulation [EC] 1272/2008<br>Regulation [EC] 1907/2006<br>Regulation [EC] 453/2010 |
| <b>15.2</b> | <b>Chemical safety assessment</b>   |
|             | No additional data  |

## 16. OTHER INFORMATION

|                                  |   |
|----------------------------------|---|
| <b>Hazard Statements in Full</b> | H315 - Causes skin irritation.<br>H319 - Causes serious eye irritation. |
| <b>Revision Date</b>             | 11/03/2020  |
| <b>Rev No</b>                    | 5   |

**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.