

## MATERIAL SAFETY DATA SHEET

Date Created: 14/10/2010  
Date Reviewed/Revised: 03/04/2024  
Version: 7

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY

#### 1.1 Product Identifier

Product name: Light Yellow Beeswax BP (PHC3000).  
Natural Yellow Beeswax BP (PHC4000).  
Organic Refined Yellow Beeswax (PHC5000)  
Organic Refined Yellow Beeswax (PHC5002)

REACH registered name: Exempt Annex V  
REACH registered No: Exempt Annex V  
CAS number: 8012-89-3  
EC number: 232-383-7

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

Intended uses: Cosmetic, Personal Care and Pharmaceutical as raw material for further processing.  
Uses advised against: No information available

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

Name: G. Baldwin & Co. Ltd  
Address: 171-173 Walworth Road, London, SE17 1RW  
Phone Number: +44 (0)207 7035550 (Monday - Friday 09.00-17.00)  
Fax Number: +44 (0)2072526264  
Email: sales@baldwins.co.uk

#### 1.4 Emergency Telephone Number

+44(0) 207035550 (Monday - Friday 09.00-17.00)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance of Mixture:

Does not contain any components which are hazardous according to CLP Regulation 1272/2008/EC

#### 2.2 Label Elements:

Does not require a hazard warning label in accordance with CLP Regulation 1272/2008/EC.

#### 2.3 Other Hazards:

PBT: This product is not identified as a PBT/ vPvB Substance according to REACH Annex XIII.  
Hot liquid may cause thermal burns.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

| Substance Name | CAS-No    | EC Number | REACH Reg No   |
|----------------|-----------|-----------|----------------|
| Cera Alba      | 8012-89-3 | 232-383-7 | Exempt Annex V |

#### 3.2 Mixtures

Not applicable

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## 4. FIRST AID MEASURES

### 4.1 **Description of First Aid Measures**

|                      |  |
|----------------------|--|
| General information: | Remove contaminated/saturated clothing. In case of accident or illness seek medical advice immediately.  |
| Inhalation:          | Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, seek medical advice.  |
| Skin Contact:        | Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, seek medical advice.                                      |
| Eye Contact:         | Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, seek medical advice. |
| Ingestion:           | Do not induce vomiting. No emergency measures are necessary but if adverse health effects follow or large amounts are swallowed, seek medical advice.                                      |

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

|               |  |
|---------------|--|
| Inhalation:   | High concentration of vapours may induce: Headache, nausea, dizziness. Irritant effect to the respiratory tract. |
| Skin Contact: | May cause slight irritation to the skin. Heated product may cause burns.   |
| Eye Contact:  | May cause slight irritation to eyes.   |
| Ingestion:    | May cause nausea.  |

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

In contact with or splashed by melted product, quickly cool area with water.

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## 5. FIRE-FIGHTING MEASURES

### 5.1 **Extinguishing media**

Suitable extinguishing media: Foam, Dry Chemical Powder, Carbon Dioxide.  
Unsuitable extinguishing media: Water.

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

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.

### 5.3 **Advice for firefighters**

Only suitably trained personnel should attempt to tackle fires. Breathing apparatus and protective clothing should be worn. Do not remain in the immediate vicinity without respiratory protective equipment and protective clothing.

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## 6. ACCIDENTAL RELEASE

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

For non-emergency personnel: Wear suitable protective clothing. See section 8. Stop leak if safe to do so. Remove sources of ignition.  
For emergency responders: Wear suitable protective clothing and breathing apparatus. See section 8. Stop leak if safe to do so. Remove sources of ignition

## 6.2 Environmental precautions

Water may be used to flush spills away from sources of ignition. Prevent spreading by damming. Do not allow the product to enter public drainage system or open water course. Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

Containment: Stop leak if safe to do so. Use damming system to prevent spreading.  
Cleaning up: Use sand or active clay to absorb spilled substance and remove to containers for disposal. When in liquid state, cool and allow to solidify.

## 6.4 Reference to other sections

See sections 8 and 13

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Recommendations: Handle in accordance with GMP and safety procedures. The molten product can cause severe burns. Use molten product in well ventilated areas. Use personal protective equipment as required.

General advice: Do not eat or drink in immediate vicinity. Wash hands after use. Remove any contaminated clothing before eating or drinking.

### 7.2 Conditions for safe storage including any incompatibilities

Keep material sealed, dry and out of direct sunlight. Avoid heat and ignition sources. Store in original containers or other high density polyethylene containers which are sealable and clearly labelled. Clean up spilled material immediately.

### 7.3 Specific end use(s)

No data available

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

|                  |                   |
|------------------|-------------------|
| TWA TLV (ACGIH): | No data available |
| DNEL:            | No data available |
| PNEC:            | No data available |
| PEL:             | No data available |
| REL:             | No data available |

### 8.2 Exposure Controls

|                                   |   |
|-----------------------------------|---|
| Appropriate engineering measures: | Facilities storing or utilising this material should be equipped with an eyewash facility.  |
| Eye protection:                   | Wear appropriate eye protection with side shields (EN166).  |
| Skin protection:                  | Use impervious gloves (EN374). PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended. |
| Respiratory protection:           | Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.  |
| Thermal Hazards:                  | Thermal hazards only applicable when material is heated. Use appropriate heat resistant gloves.   |
| Environmental Exposure Controls:  | See sections 6, 7, 12 and 13.   |

## 9. PHYSICAL & CHEMICAL PROPERTIES

### 9.1 Information on basic chemical and physical properties

|  |                          |
|--|--------------------------|
| Physical State:                        | Solid                    |
| Colour:                                | Light – Dark Yellow      |
| Odour:                                 | Typical                  |
| Melting point/Congeealing point:       | 50-70°C                  |
| Initial boiling point/range:           | No data available        |
| Flammability:                          | No data available        |
| Explosion Limits:                      | Does not apply to solids |
| Flash point:                           | Does not apply to solids |
| Auto ignition temperature:             | Does not apply to solids |
| Decomposition temperature:             | No data available        |
| pH:                                    | No data available        |
| Kinematic Viscosity:                   | Does not apply to solids |
| Solubility in water:                   | Insoluble                |
| Partition coefficient n-octanol/water: | No data available        |
| Vapour pressure:                       | No data available        |
| Relative density (at 20°C):            | ~0.97g/cm <sup>3</sup>   |
| Relative vapour density:               | Does not apply to solids |
| Particle characteristics:              | ~5-10mm pellet           |

### 9.2 Other information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not reactive under normal storage and handling conditions (see section 7). May react with strong oxidising agents, especially at high temperatures.

### 10.2 Chemical stability

Stable under normal storage and handling conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions are expected to occur under normal storage and handling conditions.

### 10.4 Conditions to avoid

Extremes of temperature (preferably, store between 5 and 39°C). The product is combustible when heated >300°C.

### 10.5 Incompatible materials

May react with strong oxidants (e.g. chlorates, peroxides).

### 10.6 Hazardous decomposition products

Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in regulation (EC) 1272/2008

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### **Acute toxicity**

Oral: LD50 > 2000mg/kg

Inhalation: No data available

#### **Skin corrosion/irritation**

Not classified as corrosive/irritant to skin - based on available data, the classification criteria are not met.

#### **Serious eye damage/eye irritation**

Can cause slight to moderate irritation.

#### **Respiratory or skin sensitisation**

Not classified as a respiratory or skin sensitizer - based on available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Not classified as a germ cell mutagenic or carcinogenic - based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Not classified as carcinogenic – based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Not classified as a Reproductive Toxicant - based on available data, the classification criteria are not met.

#### **Specific target organ toxicity – single exposure**

Not classified as a specific target organ toxicant (single exposure)

#### **Specific target organ toxicity – repeated exposure**

Not classified as a specific target organ toxicant (repeated exposure)

#### **Aspiration hazard**

Not classified as presenting an aspiration hazard - based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

No data available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Not classified as hazardous to the aquatic environment according to 1272/2008/EC

### 12.2 Persistence and degradability

Insoluble in water – can be separated from water in suitable effluent treatment plants.

### 12.3 Bioaccumulation potential

No data available

### 12.4 Mobility in soil

Non-volatile and absorption into soil solid phase not expected.

## 12.5 Results of PBT & vPvB assessment

Not identified as a PBT/ vPvB Substance according to REACH Annex XIII.

## 12.6 Endocrine Disrupting Properties

Not identified as an endocrine disrupting substance

## 12.7 Other adverse effects

No data available

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Treat in accordance with EU directive 2008/98/EC. Transport to authorised waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply). Do not dispose to drains or sewage systems.

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## 14. TRANSPORT INFORMATION

### 14.1 UN number

Not classified

### 14.2 UN Proper shipping name

Not Classified

### 14.3 Transport Hazard Class(es)

Not Classified

### 14.4 Packing Group

Not Classified

### 14.5 Environmental Hazards

None

### 14.6 Special Precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

Not classified

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## 15. REGULATORY INFORMATION

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

EU Regulations: Regulation [EC] 1272/2008 including amendments  
Regulation [EC] 1907/2006 including amendments (EC 2015/830, EC2020/878)

### 15.2 Chemical Safety Assessment

The supplier has not performed a chemical safety assessment of this substance.

## 16. OTHER INFORMATION

**Indication of changes:** All sections revised according to Regulation [EC] No 1272/2008 [CLP] in preparation for the 1 June 2015 deadline.

| Version number | Date reviewed/revised | Indication of change                   |
|----------------|-----------------------|--|
| V5             | 23/01/2018            | Intended uses updated (section 1)      |
| V6             | 24/06/2022            | Updated according to EU 2020/878       |
| V7             | 03/04/2024            | Product identifiers added to section 1 |

### **Abbreviations & Acronyms:**

|         |  |
|---------|--|
| ACGIH:  | American Conference of Governmental Industrial Hygienists          |
| CAS No: | Chemical Abstract Service number                                   |
| CLP:    | Classification Labelling and Packaging Regulation                  |
| DNEL:   | Derived No Effect Level  |
| EC:     | European Commission  |
| EC No:  | European Chemical Number – EINECS – ELINCS                         |
| ECHA:   | European Chemical Agency   |
| EINECS: | European Inventory of Existing Commercial Chemical Substances      |
| ELINCS: | European List of Notified Chemical Substances                      |
| ES:     | Exposure Scenario  |
| LD50:   | Median Lethal Dose   |
| LC50:   | Median Lethal Concentration  |
| PEL:    | Permissible Exposure Limit   |
| PNEC:   | Predicted No Effect Level  |
| REACH:  | Registration, Evaluation, Authorisation & restriction of Chemicals |
| REL:    | Recommended Exposure Limit   |
| TLV:    | Threshold Limit Value  |
| TWA:    | Time Weighted Average  |

### **Hazard Statements/Precautionary statements:**

None

The information contained herein is for health and safety guidance only and does not constitute a product specification. It is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

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