



G·O·L·D·E·N  
BOUGH

## Safety Data Sheet

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

#### 1.1 Product Identifier

Product Name	Capsicum Oleoresin BPC.				
Biological Definition	Capsicum Frutescens Resin is a resinous material obtained from the Cayenne Pepper, <i>Capsicum frutescens L., Solanaceae</i> .				
INCI Name	Capsicum Frutescens Resin.				
Synonyms & Trade Names	-				
CAS-No	8023-77-6	EC No.	288-920-0	EINECS No.	288-920-0

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

Recommended for food and flavouring use only.

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

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

#### 1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

### 02. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements is Displayed in Section 16.

##### Classification (EC 1272/2008)

Physical and Chemical Hazards: Not classified.

Human health: Eye damage / Irritation category 1 H318 Causes serious eye damage

Environment: not classified.

#### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS05



Signal Word

Danger.

Contains

No additional data available.

Hazard Statements

H318 Causes serious eye damage.

Precautionary Statements

P280 Wear protective gloves/eye protection/face protection.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

Supplementary Precautionary Statements

None.

<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.1 Substances</b>
<b>5.0 - 8.0 % Capsaicin</b> Cas No: 404-86-4 EC No : 206-969-8
Classification (EC 1272/2008) : Acute Tox. 3 (Oral), H301, Eye Dam. 1, H318, Skin Irrit. 2, H315

### 04. FIRST AID MEASURES

<b>4.1 Description of first aid measures</b>	
Inhalation	Remove victim immediately from source of exposure. Seek medical attention immediately.
Ingestion	Immediately rinse mouth and provide fresh air. Seek medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention immediately.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
Causes serious eye damage.	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
None expected.	

### 05. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	
Extinguishing media: Carbon dioxide (CO <sub>2</sub> ). Dry chemical Powder. Foam.	
<b>5.2 Special hazards arising from the product</b>	
In case of fire, carbon monoxide and unidentified organic compounds may be liberated.	
<b>5.3 Advice for firefighters</b>	
Wear suitable respiratory equipment.	

### 06. ACCIDENTAL RELEASE MEASURES


<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.	
<b>6.2 Environmental Precautions</b>	
Do not discharge into drains, water courses or onto the ground.	
<b>6.3 Methods and material for containment and cleaning up.</b>	
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with	

current laws and regulations.
<b>6.4 Reference to other sections</b>
Wear protective clothing as described in Section 8 of this safety data sheet.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>
Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light.
<b>7.3 Specific end use(s)</b>
Use in accordance with good manufacturing and industrial hygiene practises.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
No additional data available.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles with side shields.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Oily liquid.
Colour	Red to red-brown.

Odour	Characteristic – pungent, spicy.
Relative Density	No additional data available.
Flash Point (°C)	>100°C
Refractive Index	No additional data available.
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oil.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	
Presents no significant reactivity hazard, by itself or in contact with water.	
<b>10.2 Chemical stability</b>	
Stable under the recommended handling and storage conditions.	
<b>10.3 Possible hazardous reactions</b>	
Not expected under recommended handling and storage conditions.	
<b>10.4 Conditions to Avoid</b>	
Avoid heat, flames and other sources of ignition.	
<b>10.5 Incompatible materials</b>	
Avoid contact with strong acids, alkalis or oxidising agents.	
<b>10.6 Hazardous Decomposition Products</b>	
Carbon monoxide and unidentified organic compounds may be formed during combustion.	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 2388.06
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	Causes serious eye damage.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
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No additional data available.
<b>12.2 Persistence &amp; degradability</b>
No additional data available.
<b>12.3 Bioaccumulation Potential</b>
No additional data available.
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
General information Do not re-use empty containers. Empty residue into a suitable disposal site.  Dispose of in compliance with all local and national regulations.

### 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.
<b>14.2 UN proper shipping name</b>	
Not bound by transport regulations.	
<b>14.3 Transport hazard class(es)</b>	
Not bound by transport regulations.	
<b>14.4 Packing group</b>	
Not bound by transport regulations.	
<b>14.5 Environmental hazards</b>	
Not bound by transport regulations.	
<b>14.6 Special precautions for user</b>	
Not bound by transport regulations.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
Not applicable.	

### 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
<u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). <u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### EU Legislation

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**

No additional information available.

### **16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	H318 Causes serious eye damage.
Other Information	None.
Revision Date	November 5, 2015
Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

**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.