



## PRODUCT TECHNICAL DOSSIER

### RHODIOLA ROSEA EXTRACT 1% SALIDROSIDE 40% POLYPHENOLS

**Product Code:**

P1803

**Raw Material Full Name:**

Rhodiola Rosea Extract

**Assay:**

Min 1% (Salidroside)

Min 40% (Polyphenols)

**Particle Size:**

80 Mesh

**Percentage passed through:**

Min 90%

**Bulk Density:**

0.45 – 0.65g/mL

**Loss on Drying:**

Max 5%

**Country of Origin:**

China

**Country of Origin of the Manufacture:**

China

**Base Source/Start Material:**

Roots of the Rhodiola Rosea

**Origin of Product – Synthetic, Plant, Mineral, Animal, Fish or Fermented:**

Plant

**What is the extraction/processing used? What solvents are used and at what ratio's?**

Ethanol & Water



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IMPORTERS AND DISTRIBUTORS OF NUTRITIONAL RAW MATERIALS

**Compound Ingredients:**

Max 5% Maltodextrin (Corn)

**Shelf Life from Date of Manufacture:**

2 Years

**Storage Conditions:**

This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight

**Appearance:**

Fine Powder

**Colour:**

Brown

**Flavour/Taste:**

Characteristic

**Odour:**

Characteristic

**Microbiological Test****Total Viable Count:**

Max 10,000cfu/g

**Yeast & Moulds:**

Max 1000cfu/g

**E.Coli:**

Absent in 10g

**Salmonella:**

Absent in 25g





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## Metals

### **Heavy Metals:**

Max 10ppm

### **Arsenic (As):**

Max 1ppm

### **Cadmium (Cd):**

Max 1ppm

### **Lead (Pb) :**

Max 3ppm

### **Mercury (Hg):**

Max 0.1ppm

### **Pharmacopeia Standard Used:**

EU and USA Food Grades

**There are no nuts in this recipe and are no nuts on site, however we cannot guarantee that the raw materials entering the site are nut free.**



*success starts with the finest ingredients...*



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IMPORTERS AND DISTRIBUTORS OF NUTRITIONAL RAW MATERIALS

INTOLERANCE DATA			
		If No please give details	
Free from All Animal Products (Beef, Pork, Poultry or other)	YES		
Free from Bovine Products or Derivatives by using hormones to increase milk yield in cows	YES		
Free from Bone Meal	YES		
Free from Peanuts and Peanut Derivatives (including possible cross contamination)	YES		
Free from other Nut and Nut Derivatives	YES		
Free from Nut Derived Oil	YES		
Free from Sesame Seeds and Sesame Seed Derivatives	YES		
Free from Poppy Seeds and Poppy Seed Derivatives	YES		
Free from Sunflower Seeds and Sunflower Seeds Derivatives	YES		
Free from other Seeds and Seed Derivatives	YES		
Free from Milk and Milk Derivatives (including lactose)	YES		
Free from Egg and Egg Derivatives	YES		
Free from Cereals containing Gluten (wheat / rye / oats / barley/ spelt/ kamut or their hybridised strains) and Derivatives	YES		
Free from Soya and Soya Derivatives	YES		
Free from Maize and Maize Derivatives		NO	Maltodextrin
Free from Corn and Corn Derivatives		NO	Maltodextrin
Free from Lupin and Lupin Derivatives	YES		
Free from Yeast and Yeast Derivatives	YES		
Free from Cotton Seeds (Flour) and Cotton Seed Derivatives	YES		
Free from Rice and Rice Derivatives	YES		
Free from Mustard and Mustard Derivatives	YES		
Free from Celery or Celery Derivatives	YES		
Free from Celeriac or Celeriac Derivatives	YES		
Free from Fruit and Fruit Derivatives	YES		
Free from Vegetable and Vegetable Derivatives	YES		
Free from Carrot and Carrot Derivatives	YES		
Free from Legumes / Pulses	YES		
Free from Fish and Fish Derivatives	YES		
Free from Crustaceans / Molluscs and their Derivatives	YES		
Free from Additives	YES		
Free from Added Salt	YES		
Free from Added Sugar	YES		
Free from Antioxidants	YES		
Free from Artificial Glutamates	YES		
Free from Aspartame	YES		
Free from Azo and Coal Tar Dyes	YES		
Free from Benzoates (E210 / E219)	YES		
Free from BHA / BHT (E320 / E321)	YES		
Free from Caffeine	YES		
Free from Cinnamon	YES		
Free from Cocoa	YES		
Free from Colours (Artificial / Nature Identical / Natural / Smoked)	YES		
Free from Dextrose	YES		
Free from Dioxins	YES		
Free from Ethanol	YES		



success starts with the finest ingredients...



INTOLERANCE DATA			
			If No please give details
Free from Ethylene Oxide	YES		
Free from Flavours (Artificial / Nature Identical / Natural / Smoked)	YES		
Free from Garlic	YES		
Free from Gelatine	YES		
Free from Glutamates (E620 to E625)	YES		
Free from Histamine	YES		
Free from Hickory	YES		
Free from Honey	YES		
Free from Lactose	YES		
Free from Latex	YES		
Free from MSG (Added and Naturally Occurring E621)	YES		
Free from Nucleotides (E627, E630, E631, E635)	YES		
Free from Polyols	YES		
Free from Preservatives	YES		
Free from Starch Products (Including Maltodextrin)		No	Maltodextrin
Free from Sorbic Acid (E200, E203)	YES		
Free from Sulphur Dioxide and Sulphites at levels above 10mg/kg or 10mg/litre expressed as SO <sup>2</sup>	YES		
Free from Sulphites (E220, E228)	YES		
Free from Sweeteners	YES		
Free from Vanillin	YES		
Suitable for Diabetics	YES		
Suitable for Coeliacs	YES		
Suitable for Ovo-Lacto Vegetarians	YES		
Suitable for Vegans	YES		
Kosher Certified		NO	Not Certified
Halal Certified		NO	Not Certified



## **CONFIRMATION OF BSE/TSE STATUS**

This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.

This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.

## **CONFIRMATION OF GM STATUS**

This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

## **CONFIRMATION OF NON IRRADIATION STATUS**

This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/2/EC and 1000/3/EC.

## **CONFIRMATION OF NANDROLONE STATUS**

This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.

## **CONFIRMATION OF IOC PRODUCT STATUS**

This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee).

## **CONFIRMATION OF ANIMAL TESTING STATUS**

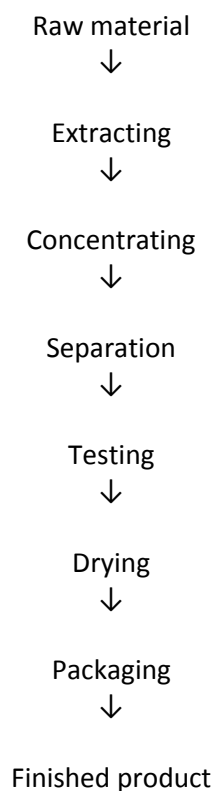
This is to certify that all the products sold by Cambridge Commodities have not been tested on animals in any part of its manufacture in accordance with regulation 86/609/EEC.

## **CONFIRMATION OF PESTICIDES STATUS**

This is to certify that the above-mentioned product complies with the regulation (EC) No.396/2005 of 23<sup>rd</sup> February 2005 and commission Regulation (EU) No. 559/2011 of 7<sup>th</sup> June 2011 amending annexes II and III of the above Regulation.



## PRODUCT FLOW CHART





## MATERIAL SAFETY DATA SHEET

### Section 1 Description

**PRODUCT NAME:** RHODIOLA ROSEA EXTRACT 1% SALIDROSIDE 40% POLYPHENOLS

**PRODUCT CODE:** P1803

**Supplier:** Cambridge Commodities Limited  
78 Lancaster Way, Ely, Cambridgeshire, CB6 3NW.  
Tel: 01353 667258. Email: mail@c-c-l.com

### Section 2 Ingredients/Identity Information

<u>Components</u>	<u>% in Product</u>	<u>CAS Number</u>	<u>Formula</u>	<u>EINECS Number</u>
Rhodiola Extract	95	N/A	N/A	N/A
Maltodextrin (Corn)	5	N/A	N/A	N/A

### Section 3 Possible Hazards

#### Potential Health Effects

Eye	Dust can cause eye irritation. Symptoms including stinging, tearing, redness, and swelling of eyes
Skin	May cause skin irritation. Symptoms may include redness, burning and swelling of skin.
Swallowing	Swallowing this material is not likely to be harmful.
Inhalation	This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

#### Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough).





## **Section 3 Continued**

### **Other Health Effects**

This material can form dust which may cause skin or mucous membrane irritation. Symptoms may include redness, burning, and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or affect the structure of air spaces in the lungs. Their effects on the tissues are potentially reversible.

### **Cancer Information**

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

## **Section 4 Emergency and First Aid Procedures**

Eyes	If symptoms develop immediately move individual away from exposure and into fresh air. Rinse with plenty of water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.
Skin	Remove contaminated clothing. Wash with soap and copious amounts of water. Seek medical attention.
Swallowing	First aid is not normally required. If symptoms develop, seek medical attention.
Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen and seek medical help.

## **Section 5 Fire and Hazard Data**

Hazardous Products of Combustion	May form: carbon dioxide and carbon monoxide
Fire and Explosion Hazards	May emit toxic fumes under fire conditions. Organic dusts can form explosive mixtures in the air.
Extinguishing Media	Regular foam, water fog, carbon dioxide, sand.
Fire Fighting Instructions	Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Use personal protective equipment. Equipment should be thoroughly decontaminated after use.



## **Section 6 Accidental release measures.**

Small Spill	Sweep up material for disposal or recovery
Large Spill	Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

## **Section 7 Storage & Handling**

### Handling

Containers of this material may be hazardous when emptied. since emptied containers retain product residues (vapour, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Use good hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

### Storage

Store in a cool, dry place at 75 degrees F or lower...

## **Section 8 Control Methods/Personal Protection**

Engineering Measures	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.
Respiratory Protection	Avoid inhalation and wear respirator if needed. 3M Dust respirator No. 8710 or 9900 is recommended, or a NIOSH/MSHA jointly approved dust respirator.
Hand/Body Protection	Avoid contact and prolonged or repeated exposure. Wear resistant gloves. Wash thoroughly after handling. Protective clothing recommended.
Eye Protection	Wear safety glasses in compliance with OSHA regulations if needed

## **Section 9 Physical and Chemical Properties**

Physical state	Fine powder
Colour	Brown
Odour	Characteristic
Sieve Analysis	Min 95% pass through 80 mesh
Bulk Density	0.45 – 0.65 g/ml



## **Section 10 Stability and Reactivity**

Chemical Stability	Stable under conditions mentioned in section 7.
Hazardous Polymerisation	Product will not undergo hazardous polymerisation.
Hazardous Decomposition Products	May form Carbon Dioxide and Carbon Monoxide.

## **Section 11 Toxicological Information**

No data

## **Section 12 Ecological Information**

Eco-toxicity	No Data Available
Air pollution	Observe local/national regulations

## **Section 13 Disposal Considerations**

Waste Management Information. Dispose of with other normal, solid waste..

## **Section 14 Transport Information**

Transport classification	Not classified as dangerous for any mode of UK or International transport.
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## **Section 15 Regulatory Information**

European Regulation	This product is not classified according to the EU regulations.
Reviews, Standards and Regulations	Health & Safety at work act 1974. COSHH Regulations (1994). EH40 Occupational exposure limits.
US Federal Regulations	Not known.



## **Section 16 Other Information**

This advice is given by Cambridge Commodities Ltd who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.

We confirm that the information above is sourced from the original manufacturers/suppliers Specification.

To be used as per local legislation.

## **Change History**

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	TD updated to Eu and USA Food Grades	Yes

## **QA Approval**

Date: 16.03.2015

Signature:

Checked By: Kelsey Martin

