



## SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name	PERU BALSAM ESSENTIAL OIL - NATURAL ABP
Code Number	EO100642 - EOPER
Alternative Name	INCI Name: Myroxylon balsamum var. pereirae; Balsam Peru oil
REACH Reg No	Not registered

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

Concentrated material for manufacturing purposes only.

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

Pure Ingredients Ltd  
626A Rosebank Road, Avondale  
Auckland 1026  
New Zealand

Telephone Number +09 813 5619

Email Address [compliance@pureingredients.co.nz](mailto:compliance@pureingredients.co.nz)

**1.4 Emergency Tel No** 111 / NZ Poisons Centre **0800 POISON** (0800 764 766)  
Emergency Response: 0800 CHEMCALL / 0800 243 622 (24hr)

### Section 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

ATO 5*(6.1E)	Acute toxicity, oral, category 5
SS 1*(6.5B)	Skin sensitisation, category 1
EDI 2A*(6.4A)	Eye damage/irritation, category 2A
EH A1*(9.1A)	Aquatic hazard, acute, category 1
EH C2*(9.1B)	Aquatic hazard, chronic, category 2

#### 2.2 Label elements

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word

Warning

Hazard Statements

- |      |   |
|------|---|
| H317 | May cause an allergic skin reaction             |
| H319 | Causes serious eye irritation                   |
| H400 | Very toxic to aquatic life                      |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- |                |  |
|----------------|--|
| P261           | Avoid breathing fumes.   |
| P264           | Wash hands thoroughly after handling   |
| P273           | Avoid release to the environment.  |
| P280           | Wear protective gloves and eye protection  |
| P302+P352      | IF ON SKIN: Wash with plenty of water.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTRE if you feel unwell.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice.   |
| P337+P313      | If eye irritation persists: Get medical attention.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P391           | Collect spillage.  |
| P501           | Dispose of contents and container in accordance to local regulations.  |

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

**Code Number: EO110342**

**Version 3 Revised 21/06/2022**

## 2.3 Other Hazards

Contains Benzyl Alcohol, Benzyl Benzoate and Benzyl Cinnamate which may produce an allergic reaction

No further information available at this time

## Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

### 3.1 Substances

Description	PERU BALSAM OIL
EC/EINECS	232-352-8
CAS Number	8007-00-9
USCAS Number	8007-00-9

### Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 120-51-4 EINECS 204-402-9 REACH	Benzyl benzoate ATO 4(1500);EH C2 H302,H411	94.7000
CAS 103-41-3 EINECS 203-109-3 REACH	Benzyl cinnamate ATO 5(3280);SCI 3;SS 1B;EH A2,C2 H303,H316,H317,H401,H411	2.1300
CAS 65-85-0 EINECS 200-618-2 REACH	Benzoic acid ATO 5(2565);EDI 1;STO-SE 3(RI);EH A3 H303,H318,H335,H402	1.2600
CAS 103-54-8 EINECS - REACH	Cinnamyl acetate	0.6200
CAS 7212-44-4 EINECS 230-597-5 REACH	Nerolidol SCI 3;EDI 2A;EH A1,C1 H316,H319,H400,H410	0.4400
CAS 100-51-6 EINECS 202-859-9 REACH	Benzyl alcohol ATD 5(2500);ATI 4;ATO 4(1620);EDI 2A H302,H313,H319,H332	0.3400
CAS 121-33-5 EINECS 204-465-2 REACH	Vanillin ATO 5(3500);EDI 2A;EH A3 H303,H319,H402	0.1000

Refer to section 16 for the wording of listed classification and hazard statement codes

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## Section 4. First Aid measures

Take phrases in section 2 into account

### 4.1 Description of first aid measures

#### After inhalation

If fumes or combustion products are inhaled, remove to fresh uncontaminated air, lay patient on back until breathing returns to normal.

#### After skin contact

May cause an allergic reaction. Remove contaminated clothing and wash thoroughly with soap and water. Seek medical advice if irritation persists or there are any signs of tissue damage.

#### After eye contact

Highly irritating. Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

#### After ingestion

Highly irritating. Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

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

Take phrases in sections 2 and 11 into account. No further information available at this time.

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

Treat symptomatically.

## Section 5. Fire-fighting measures

### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

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

May produce Carbon dioxide and unidentified organic compounds.

### 5.3 Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.

HazChem Code • 3Z

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## Section 6. Accidental release measures

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

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible, contain the spill.

### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

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

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.

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

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

### 7.3 Specific end use(s)

No further information available.

## Section 8. Exposure controls / personal protection

### 8.1 Control Parameters

No exposure standards have been established for this material by Work safe Australia. However, as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe vapour. Sensitive individuals may develop an allergic response.

### 8.2 Exposure controls

#### Engineering controls

Natural ventilation should be sufficient, however where vapours of mists are generated the use of a grounded mechanical exhaust ventilation system is recommended.

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice.  
Always wash routinely before breaks, meals and at the end of the work period.

### Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

### Hand protection

Wear chemically resistant disposable gloves.

### Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

### Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas.

### Thermal hazards

No information.

### Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

### National Exposure Standards

No exposure standards have been established for this material by Worksafe Australia.

### Biological Limit Values

No biological limit allocated.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	162°
APPEARANCE	Mobile liquid
COLOUR	Pale yellow to pale red-brown
ODOUR	Sweet, warm, balsamic odour
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not available
MELTING/FREEZING POINT	Not available

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

INITIAL BOILING POINT AND RANGE	Not available
EVAPORATION RATE	Not available
FLAMMABILITY (SOLID/GAS)	Non flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE	<0.001 mmHg (20 deg C)
VAPOUR DENSITY	>1.0
SPECIFIC GRAVITY @ 20°C	1.095 to 1.125
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY @ 20 DEG C	Not available
EXPLOSIVE PROPERTIES	Not available
OXIDISING PROPERTIES	Not available

## 9.2 Other information

No further information available.

## Section 10. Stability and reactivity

### 10.1 Reactivity

No data.

### 10.2 Chemical Stability

Stable under the recommended storage conditions (see section 7).

### 10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

### 10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

### 10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic material.

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## 10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Myroxylon balsamum var. pereirae (CAS: 8007-00-9)  
Oral route: Data not available

May be harmful if swallowed.

Skin corrosion / irritation

No known adverse effects.

Serious eye damage / irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data



# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

## Section 12. Ecological information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects. Avoid contaminating waterways.

Contains Benzyl benzoate (120-51-4)

LC50 (96 h) - Danio rerio (Zebrafish) - 2.32 mg/L

EC50 (48 h) - Daphnia magna - 3.09 mg/L

EC50 (72 h) - Freshwater algae - 0.475 mg/L

EC10 (35 d) - Danio rerio (Zebrafish) - 0.032 mg/L

NOEC (21 d) - Daphnia magna - 0.258 mg/L

NOEC (72 h) - Freshwater algae - 0.247 mg/L

### 12.2 Persistence and degradability

No tested data available on this product.

### 12.3 Bioaccumulative potential

No data

### 12.4 Mobility in soil

Avoid soil, surface water and water-bearing stratum contamination.

### 12.5 Results of PBT and vPvB assessment

No data

### 12.6 Other adverse effects

See sections 6, 7, 13 and 15.

## Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

## Section 14. Transport information

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## 14.1 UN number

ADR	3082
IATA	3082
IMDG	3082

## 14.2 UN proper shipping name

ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MYROXYLON PEREIRAE OIL)
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MYROXYLON PEREIRAE OIL)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MYROXYLON PEREIRAE OIL)

## 14.3 Transport hazard class(es)

ADR	9
IATA	9
IMDG	9

## 14.4 Packing group

ADR	III
IATA	III
IMDG	III

Tunnel Code (E)

## 14.5 Environmental Hazards

Dangerous for the environment. Marine pollutant.

## 14.6 Special precautions for user

Maritime Transport (International Maritime Dangerous Goods Code (IMDG Code)):  
EmS: F-A, S-F  
Marine Pollutant: Yes

Road and Rail Transport (Australian Dangerous Goods Code (ADG Code)):

HazChem Code • 3Z

## 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

## Section 15. Regulatory information

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

Poison Schedule (SUSMP): Not applicable

HS Tariff Code: 3301.90.00

HSNO Approval Number: HSR002578

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

## Section 16. Other information

Full list of precautionary phrases

P261	Avoid breathing fumes.
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P501	Dispose of contents and container in accordance to local regulations.

Wording of any hazard classes listed in section 3

ATO 4	Acute toxicity, oral, category 4
ATO 5	Acute toxicity, oral, category 5
ATD 5	Acute toxicity, dermal, category 5
SCI 3	Skin corrosion/irritation, category 3
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2A	Eye damage/irritation, category 2A

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO110342*

*Version 3 Revised 21/06/2022*

ATI 4	Acute toxicity, inhalation, category 4
STO-SE 3(RI)	Specific target organ, single exposure, respiratory irritation
EH A1	Aquatic hazard, acute, category 1
EH A2	Aquatic hazard, acute, category 2
EH A3	Aquatic hazard, acute, category 3
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2

Wording of any hazard statements listed in section 3

H302	Harmful if swallowed
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

References and further information

Key:

N/A = Not applicable

SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons

Version 1: GHS format 10/03/2017

Version 2: Minor changes 10/03/2017

Version 3: Mandatory revision, RB 21/06/2022

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.