

Section 1. Product and Company Identification

**Product Name** Peru Balsam Oil  
**CAS Number** Mixture

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
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All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

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**In compliance with EC regulation No. 1272/2008 and its amendments.**

Serious eye damage, Category 1 (Eye Dam. 1: H318).

Skin sensitization, Category 1 (Skin Sens. 1: H317).

Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2: H373).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2: H411).

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**Hazard Statements**

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H373: May cause damage to organs through prolonged or repeated exposure (in contact with skin).

H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention**

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

**Response**

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.

P391: Collect spillage.

**Disposal**

P501: Dispose of contents/container with local regulations

**Other hazards:** The substance does not satisfy the PBT or vPvP criteria in accordance with annex XIII of the REACH regulations EC 1907/2006.

Section 3. Composition / Information on Ingredients

**Common Name** Peru Balsam Oil  
**CAS Number** Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
Benzyl benzoate	120-51-4	50 – 100%
Benzyl Cinnamate	103-41-3	10 – 25%
Cinnamic Acid	621-82-9	10 – 25%
Benzoic Acid	65-85-0	2.5 – 10%
Nerolidol (Isomer Unspecified)	7212-44-4	2.5 – 10%
Vanillin	121-33-5	0 – 2.5%
Benzyl Alcohol	100-51-6	0 – 2.5%

Section 4. First Aid Measures

**General Information:** As a general rule, in case of doubt or if symptoms persist, always call a doctor. Never induce swallowing by an unconscious person

**Description of first aid measures**

**Eye Contact:** Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

**Skin Contact:** Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**Ingestion:** Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.



**Most important symptoms and effects, both acute and delayed:** No data available.

**Indication of any immediate medical attention and special treatment needed:** No data available.

Section 5. Firefighting Measures

**Flammability:** Non-flammable

**Extinguishing media**

**Suitable methods of extinction:** Sprayed water or water mist, foam, multipurpose ABC powder, BC powder, carbon dioxide (CO<sub>2</sub>)

**Unsuitable methods of extinction:** water jet

**Special hazards arising from the substance or mixture:** A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

**In the event of a fire, the following may be formed:** carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters:** No data available.

Section 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Consult the safety measures listed under headings 7 and 8.

**For non-first aid worker:** Avoid any contact with the skin and eyes.

**For first aid worker:** First aid workers will be equipped with suitable personal protective equipment (See section 8).

**Environmental precautions:** Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

**Methods and material for containment and cleaning up:** Clean preferably with a detergent, do not use solvents.

**Reference to other sections:** No data available.

Section 7. Handling and Storage

**Handling and storage:** Requirements relating to storage premises apply to all facilities where the substance is handled. Individuals with a history of skin sensitization should not, under any circumstance, handle this substance.

**Precautions for safe handling:** Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas. Provide emergency showers and eye wash stations will be required in facilities where the substance is handled constantly.

**Fire prevention:** Handle in well-ventilated areas. Prevent access by unauthorized personnel.

**Recommended equipment and procedures:** For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations. Avoid eye contact with this substance at all times. Avoid exposure - obtain special instructions before use. Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures:** No smoking, eating or drinking in areas where the substance is used

**Conditions for safe storage, including any incompatibilities:** No data available.

**Storage:** Keep the container tightly closed in a dry, well-ventilated place. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging:** Always keep in packaging made of an identical material to the original.

Section 8. Exposure Controls / Personal Protection
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**Control parameters:** No data available.

### Exposure controls

**Personal protection measures, such as personal protective equipment:** Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas

**Eye/face protection:** Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides, accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapors. Provide eyewash stations in facilities where the product is handled constantly.

**Hand protection:** Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

**Type of gloves recommended:** Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)), PVA (Polyvinyl alcohol)

**Recommended properties:** Impervious gloves in accordance with standard EN374

**Body protection:** Avoid skin contact. Wear suitable protective clothing.

**Suitable type of protective clothing:** In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed

#### Section 9. Physical and Chemical Properties

##### Information on basic physical and chemical properties

**Appearance:** Yellow to brown yellow fluid liquid.

**Odor:** Characteristic

**pH:** Not relevant.

**Boiling point/boiling range:** Not specified.

**Flash Point:** 144.00°C.

**Vapor pressure (50°C):** Between 175 kPa and 300 kPa inclusive.

**Density:** < 1

**Water solubility:** Insoluble.

**Viscosity:** < 7 mm<sup>2</sup>/s (40°C)

**Melting point/melting range:** Not specified.

**Self-ignition temperature:** Not specified.

**Decomposition point/decomposition range:** Not specified.

**Other information:** No data available.

#### Section 10. Stability and Reactivity

**Reactivity:** No data available.

**Chemical stability:** This substance is stable under the recommended handling and storage conditions in section 7.

**Possibility of hazardous reactions:** When exposed to high temperatures, the substance can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**Conditions to avoid:** No data available

**Incompatible materials:** No data available

**Hazardous decomposition products:** The thermal decomposition may release/form carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

#### Section 11. Toxicological Information

**Information on toxicological effects:** Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Repeated or prolonged contact with the substance may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis. May cause an allergic reaction by skin contact. May cause severe damage to organs in the event of repeated or prolonged exposure.

**Acute toxicity:**

**Vanillin:** CAS No. 121-33-5

**Oral route LD50:** 3500 mg/kg

**Benzoic Acid:** CAS No. 65-85-0

**Oral route LD50:** 2565 mg/kg

**Benzyl Cinnamate:** CAS No. 103-41-3

**Oral route LD50:** 3280 mg/kg

#### Section 12. Ecological Information

**Toxicity:** Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** No data available

#### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

#### Section 14. Transport Information

**Transport information:** Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

**UN number:** 3082

**UN proper shipping name:** UN3082 = Environmentally Hazardous Substance, Liquid, N.O.S.  
(Benzyl benzoate)

**Transport hazard class:** 9

**Packing group:** III

**Environmental hazards:** Environmentally hazardous material

**Special precautions for user**

**ADR/RID**

Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
9	M6	III	9	90	5 L	274 335 375 601	E1	3	E

Not subject to this regulation if Q <= 5 l / 5 kg (ADR 3.3.1 - DS 375)

**IMDG**

Class	2°Label	Pack gr.	LQ	EMS	Provis	EQ
9	-	III	5 L	F-A,S-F	274 335 969	E1

Not subject to this regulation if Q < 10 ml / 10 g (IMDG 3.3.1 - DS 335)

**IATA**

Class	2°Label	Pack gr.	Passanger	Passanger	Cargo	Cargo	Note	EQ
9	-	III	964	450 L	964	450 L	A97 A158 A197	E1
9	-	III	Y964	30 kg G	-	-	A97 A158 A197	E1

Not subject to this regulation if Q <= 5 l / 5 kg (IATA 4.4.4 - DS A197)

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**Transport in bulk according to Annex II of Marpol and the IBC Code:** No data available

Section 15. Regulatory Information

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

**Classification and labelling information included in section 2:**

EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.

EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.

EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.



**Container information:** No data available.

**Particular provisions:** No data available.

**Chemical safety assessment:** No data available

Section 16. Other Information
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**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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