



SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Product code PF21-07033
Product name PALO SANTO

Issue date 12-Oct-2021

Revision date 12-Oct-2021

Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name PALO SANTO

Other means of identification

Product code PF21-07033

UN/ID no 3082

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Industry Use.

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Phoenix, LLC.

355 Chestnut Street

Norwood, NJ 07648

Phone: (201) 784-6100 Fax: (201) 784-8566

Emergency telephone number

Company Phone Number Use CHEMTREC instead of Emergency Phone Number

Emergency telephone Chemtrec 1-800-424-9300 Contract# CCN17256

2. Hazards Identification

Classification

Skin corrosion/irritation	Category 2
Skin sensitization	Category 1B

Label Elements

EMERGENCY OVERVIEW

Warning

Hazard statements

Causes skin irritation

May cause an allergic skin reaction

**Appearance** Clear**Physical state** Liquid**Odor** Characteristic odor**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.

Precautionary Statements - Response

Specific treatment (see .? on this label).

IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements - Storage

Store in accordance with local regulations.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)**Other Information**

- May be harmful if swallowed
- Very toxic to aquatic life with long lasting effects
- Toxic to aquatic life

91.7576 % of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

* 100% of the composition has been withheld as a trade secret.

4. First Aid Measures

Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media .

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.

Incompatible materials None known based on information supplied.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls	Showers
	Eyewash stations
	Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
Skin and Body Protection	Avoid contact with skin. Wear protective gloves and protective clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

9. Physical and Chemical Properties**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Characteristic odor
Appearance	Clear	Odor threshold	Not applicable
Color	Almost Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	> 93.333 °C / >200 °F	
Evaporation Rate	Not applicable	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor Density	Not applicable	
Specific gravity	Not applicable	
Water solubility	Not applicable	
Solubility in other solvents	Not applicable	
Partition coefficient	Not applicable	
Autoignition Temperature	Not applicable	
Decomposition temperature	Not applicable	
Kinematic viscosity	No data available	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

Other Information

Softening point	not applicable
Molecular weight	Not applicable
VOC content (%)	Not applicable
Density	Not applicable
Bulk Density	Not applicable

10. Stability and Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Avoid contact with eyes.
Skin contact	Avoid contact with skin. Irritating to skin. May cause an allergic skin reaction.
Ingestion	May be harmful if swallowed.

Information on toxicological effects

Symptoms No information available.

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

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Not classified.
Sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	Not classified.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Dioctyl adipate 103-23-1		Group 3		
Cedrenes 11028-42-5		Group 1		
Limonene D 5989-27-5		Group 3		
Coumarin 91-64-5		Group 3		
BHT 128-37-0		Group 3		
Myrcene 123-35-3		Group 2B		
Methyl Eugenol		Group 2B	Reasonably Anticipated	

93-15-2				
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards above the threshold value.			
STOT - single exposure	Not classified.			
STOT - repeated exposure	Not classified.			
Aspiration hazard	Not classified.			

Numerical measures of toxicity - Product Information

Unknown acute toxicity 91.7576 % of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

12. Ecological Information

This product contains a chemical which, although not listed, meets the IMDG criteria for being a severe marine pollutant.

Ecotoxicity

Very toxic to aquatic life with long lasting effects

15.9412 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. Transport Information

DOT

UN/ID no	3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, n.o.s.
Hazard Class	9
Packing group	III
Marine pollutant	This product contains a chemical which, although not listed, meets the IMDG criteria for being a severe marine pollutant.
Description	(1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone)

15. Regulatory Information

Regulatory information Please contact regulatory@phoenixaromas.com.

16. Other Information

Revision date 12-Oct-2021

Revision note

No information available

Disclaimer

This material has not been tested or proven safe for inhalation. With this document, Phoenix LLC only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Classification and labeling according to the IFRA/IOFI labeling Manual 2020.

End of Safety Data Sheet