

# Safety Data Sheet

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

**Product code** TS170  
**Product name** PALO SANTO TYPE

**Issue date** 09-Jan-2023

**Revision date** 09-Jan-2023

**Version** 1

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

### Product identifier

**Product name** PALO SANTO TYPE

### Other means of identification

**Product code** TS170

**UN/ID no**

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industry Use.

**Uses advised against** No information available

### 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
- Very toxic to aquatic life

55.297 % 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**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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**

Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. Collect spillage.

### 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**

**Appropriate engineering controls**

<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
<b>Skin and Body Protection</b>	Avoid contact with skin. Wear protective gloves and protective clothing.
<b>Respiratory protection</b>	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.
<b>General hygiene considerations</b>	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).

<b>9. Physical and Chemical Properties</b>
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**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Characteristic odor
<b>Appearance</b>	Clear	<b>Odor threshold</b>	Not applicable
<b>Color</b>	Pale Yellow to Yellow		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	> 93.333 °C / > 200 °F	CC (closed cup)
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	
Hyphen	Not applicable	
Kinematic viscosity	No data available	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

**Other information**

<b>Softening point</b>	not applicable
<b>Molecular weight</b>	Not applicable
<b>VOC content</b>	Not applicable
<b>Density</b>	Not applicable

**Bulk Density** Not applicable

## 10. Stability and Reactivity

### 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

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Avoid contact with skin. Causes skin irritation. May cause an allergic skin reaction.
<b>Ingestion</b>	May be harmful if swallowed.

#### Component Information

### Symptoms related to the physical, chemical and toxicological characteristics

**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.  
**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
Cedrenes 11028-42-5		Group 1		
Limonene D 5989-27-5		Group 3		
Coumarin 91-64-5		Group 3		
Myrcene 123-35-3		Group 2B		
Methyl eugenol 93-15-2		Group 2B	Reasonably Anticipated	

#### Legend

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans  
 Group 2B - Possibly Carcinogenic to Humans  
 Group 3 - Not classifiable as a human carcinogen  
 NTP (National Toxicology Program)  
 Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**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** 55.297 % 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

0 % 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.  
**Transport hazard class(es)** 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)

**IATA**

UN number or ID number	3082
Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
Transport hazard class(es)	9
Packing group	III
Description	(1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone)

**IMDG**

UN number or ID number	3082
Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
Transport hazard class(es)	9
Packing group	III
Marine pollutant	This material meets the definition of a marine pollutant
Description	(1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone)

**15. Regulatory Information****16. Other Information**

Revision date 09-Jan-2023

**Revision note**

No information available

**Disclaimer**

This material has not been tested or proven safe for inhalation. With this document, the manufacturer 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 2021.

**End of Safety Data Sheet**