

Product: Peony

Print Date: 2024-02-14

Revised Date: 2024-02-14

**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade Name: Peony

**1.2 Relevant identified product use**

Intended use: Compound used in customer substance/mixture/product

**1.3 Details of the manufacturer/supplier of the safety data sheet**

Manufacturer: Scent Studio  
619 Emperor Street SW  
Grand Rapids, MI 49504, USA

**1.4 Emergency telephone number**

(616) 570-0147 Domestic and International use

**2. Hazards Identification****2.1 Classification of the substance or mixture**

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

**Classification according to GHS**

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Reproductive Toxicity, Category 1B	H360 : May damage fertility or the unborn child
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

**Classification OSHA (Provisions 1910.1200 of title 29)**

Flammable Liquids, Category 4	H227 : Combustible liquid
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Reproductive Toxicity, Category 1B	H360 : May damage fertility or the unborn child

**Classification Other**

Carcinogenicity

This mixture does not contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

**2.2 Label elements****Labelling (GHS)****Hazard pictograms**

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**Signal Word: Danger****Hazard statements**

H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H360	May damage fertility or the unborn child
H411	Toxic to aquatic life with long lasting effects

**Precautionary Statements****Prevention:**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P235	Keep cool
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

**Response:**

P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage.

**2.3 Other Hazards**

no data available

**3. Composition/Information on Ingredients****3.1 Mixtures**

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

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Name	CAS	%	GHS Classification
Linalool	78-70-6	10 - 20%	H227; H303; H315; H317; H319; H402
Butylphenyl Methylpropional	80-54-6	10 - 20%	H227; H302; H315; H317; H360; H401; H412
Hexylene Glycol	107-41-5	10 - 20%	H315; H319
Hexamethylindanopyran	1222-05-5	5 - 10%	H316; H400; H410
Benzyl acetate	140-11-4	5 - 10%	H303; H401; H412
Ionone	14901-07-6	2 - 5%	H303; H401; H411
Hexyl cinnamal	101-86-0	2 - 5%	H303; H316; H317; H400; H411
Amyl salicylate	2050-08-0	2 - 5%	H302; H400; H410
Phenethyl alcohol	60-12-8	2 - 5%	H302; H313; H316; H319
Terpineol	98-55-5	2 - 5%	H227; H303; H315; H319; H401
Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4	2 - 5%	H317; H402
Linalyl Acetate	115-95-7	2 - 5%	H227; H315; H317; H320; H402
Citronellol	106-22-9	2 - 5%	H303; H313; H315; H317; H319; H401
Methyldihydrojasmonate	24851-98-7	2 - 5%	H303; H313; H315; H317; H319; H401; H402
Hydroxycitronellal	107-75-5	0.1 - 1.0%	H317; H319; H402
Limonene	5989-27-5	0.1 - 1.0%	H226; H304; H315; H317; H400; H412
alpha-damascone	18096-62-3	0.1 - 1.0%	H303; H361
4,4a,5,9b-Tetrahydroindeno[1,2-d]-1,3-dioxine	24720-09-0	0.1 - 1.0%	H302; H313; H317; H401; H411
Benzyl Salicylate	118-58-1	0.1 - 1.0%	H303; H317; H320; H401; H412

## 4. First Aid Measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
<b>Eye Exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Skin Exposure:</b>	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist
<b>Ingestion:</b>	Rinse mouth with water and obtain medical advice..

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

<b>Symptoms:</b>	no data available
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**Risks:** Refer to Section 2.2 "Hazard Statements"**4.3 Indication of any immediate medical attention and special treatment needed Treatment:**

None expected, see Section 4.1 for further information

**5. Fire-Fighting measures****5.1 Extinguishing media****Suitable:** Carbon dioxide, Dry chemical, Foam**Unsuitable** Do not use a direct water jet on burning material**5.2 Special hazards arising from the substance or mixture****During fire fighting:** Water may be ineffective**5.3 Advice for firefighters****Further information:** In case of insufficient ventilation, wear suitable respiratory equipment.**6. Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

**6.2 Environmental precautions**

Keep away from drains, soil, and surface and groundwater.

**6.3 Methods and materials for containment and cleaning up**

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

**6.4 Reference to other sections**

Not Applicable

**7. Handling and Storage****7.1 Precautions for safe handling**

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

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

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

**7.3 Specific end uses**

No information available

**8. Exposure Controls/Personal Protection****8.1 Control parameters****Exposure Limits:**

Product: **Peony****Component**

		ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4	<i>Benzyl acetate</i>	10			

**Engineering Controls:** Use local exhaust as needed.**8.2 Exposure controls - Personal protective equipment****Eye protection:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure**Respiratory protection:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.**Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.**9. Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid
<b>Odor:</b>	Conforms to Standard
<b>Color:</b>	Yellow Tint (G0/1) to Pale Yellow (G3)
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint (CCCFP):</b>	92.78 C
<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None Expected
<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	0.0296
<b>%VOC:</b>	5.57
<b>Specific Gravity @ 25 C:</b>	0.9380
<b>Density (g/mL) @ 25 C:</b>	0.9350
<b>Refractive Index @ 20 C:</b>	1.4790
<b>Soluble in:</b>	Oil

**10. Stability and Reactivity**

<b>10.1 Reactivity</b>	Presents no significant reactivity hazard, by itself or in contact with water.
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible materials</b>	Strong oxidizing agents, strong acids, and alkalis.
<b>10.6 Hazardous decomposition products</b>	Not expected.

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**11. Toxicological Information****11.1 Toxicological Effects**

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 3203.3653) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4234.1271) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 30.7412) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Not classified - the classification criteria are not met
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	Sensitization - Skin Category 1
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	May damage fertility or the unborn child
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

**12. Ecological Information****12.1 Toxicity**

Acute aquatic toxicity	no data available Toxic to aquatic life with long lasting effects
Chronic aquatic toxicity	no data available
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Other adverse effects**

no data available

**13. Disposal Conditions****13.1 Waste treatment methods**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal

**14. Transport Information****Marine Pollutant**

Yes. Ingredient of greatest environmental impact :  
(1222-05-5 : (5 - 10 %) : Hexamethylindanopyran)

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**ADR/RID (International Road/Rail)**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III	UN3082
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**IATA (Air Cargo)**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	9	III	UN3082
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**IMDG (Sea)**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III	UN3082
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**15. Regulatory Information**

**U.S. Federal Regulations**

**TSCA (Toxic Substance Control Act)** All components of the substance/mixture are listed or exempt

**40 CFR(EPCRA, SARA, CERCLA and CAA)** This product contains the following  
 components: 1222-05-5 214-946-9 5 - 10 % Hexamethylindanopyran

**U.S. State Regulations**

**California Proposition 65 Warning** This product contains the following components:  
 123-35-3(NF 204-622-5 <= 53 ppm beta-Myrcene (Natural Source)  
 94-59-7 202-345-4 <= 2 ppm Safrole (Natural Source)

**Canadian Regulations**

**DSL** 100.00% of the components are listed or exempt.

**16. Other Information**

**GHS H-Statements referred to under section 3 and not listed in section 2**

H226 : Flammable liquid and vapour	H302 : Harmful if swallowed
H304 : May be fatal if swallowed and enters airways	H316 : Causes mild skin irritation
H317 : May cause an allergic skin reaction	H320 : Causes eye irritation
H361 : Suspected of damaging fertility or the unborn child	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	H412 : Harmful to aquatic life with long lasting effects

**Total Fractional Values**

(TFV) Risk	(TFV) Risk
(147.71) Acute Toxicity Inhalation, Category 5	(114.00) Reproductive Toxicity, Category 1B
(49.23) Aquatic Chronic Toxicity, Category 3	(38.00) Reproductive Toxicity, Category 1B
(28.00) Sensitization, Skin, Category 1A	(14.04) Sensitization, Skin, Category 1B
(6.06) Skin Corrosion/Irritation, Category 3	(4.85) Aquatic Chronic Toxicity, Category 2
(4.48) Skin Corrosion/Irritation, Category 2	(3.56) Eye Damage/Eye Irritation, Category 2A
(1.70) Reproductive Toxicity, Category 2	(1.56) Acute Toxicity Oral, Category 5

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(1.52) Aquatic Chronic Toxicity, Category 4

(1.18) Acute Toxicity Dermal, Category 5

## Remarks

This safety data sheet is based on the properties of the material known to Scent Studio at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Scent Studio holds no responsibility. This document is not intended for quality assurance purposes.