


# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	257051	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	Evoke – Lavender	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Scent Diffuser Oil	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable Liquids Category 4: H227: Combustible liquid Skin Corrosion/Irritation Category 2: H315: Causes skin irritation Serious eye damage/eye irritation Category 2: H319: Causes serious eye irritation Skin Sensitization, Category 1: H317: May cause an allergic skin reaction Full text of H statements: See Section 16	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

- H227 - Combustible liquid.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS:

- Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash hands, forearms and face thoroughly after handling.
- P272 - Contaminated work clothing must not be allowed out of the workplace.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- 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.
- P321 - Specific treatment (see supplemental first aid instruction on this label).
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P363 - Wash contaminated clothing before reuse.
- P370+P378 - In case of fire: Use media other than water to extinguish.
- Storage:** P403+P235 - Store in a well-ventilated place. Keep cool.
- Disposal:** P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

## 3. Composition / Information on Ingredients

Mixtures Chemical Name	CAS	Concentration % by Weight	GHS-US Classification
2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0	5 – 10	Eye Irrit. 2, H319
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	5 – 10	Skin Irrit. 2, H315 Skin Sens. 1B, H317
LINALOOL	78-70-6	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
ALPHA-ISOMETHYL IONONE	127-51-5	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
LINALYL ACETATE	115-95-7	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
ISOBORNYL CYCLOHEXANOL	3407-42-9	1 – 5	Skin Irrit. 2, H315
HEXYL SALICYLATE	6259-76-3	< 0.5	Skin Irrit. 2, H315 Skin Sens. 1B, H317

**Substances:** Not applicable.

Full text of hazard classes and H-statements: See Section 16.

#### 4. First Aid Measures

##### EMERGENCY OVERVIEW

##### AFTER EYE CONTACT:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### AFTER SKIN CONTACT:

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

##### AFTER INHALATION:

Remove person to fresh air and keep comfortable for breathing.

##### AFTER INGESTION:

Call a poison center/doctor/physician if you feel unwell.

##### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

**Symptoms/effects after skin contact:** Irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:** Eye irritation.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

#### 5. Fire-Fighting Measures

##### SUITABLE (AND UNSUITABLE) FIRE EXTINGUISHING MEDIA:

Water spray. Dry powder. Foam. Carbon dioxide.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

**Fire Hazard:** Combustible liquid.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (SCBA). Complete protective clothing.

#### 6. Accidental Release Measures

##### PERSONAL PRECAUTIONS:

###### For Non-emergency Personnel:

Emergency Procedures: Ventilate spillage area. No open flames, no sparks and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

###### For Emergency Responders:

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure controls/personal protection".

##### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

##### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Methods for Cleaning Up: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other Information: Dispose of materials or solid residues at an authorized site.

##### REFERENCE TO OTHER SECTIONS:

For further information refer to Section 13.

#### 7. Handling and Storage

##### PRECAUTIONS FOR SAFE HANDLING:

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### HYGIENE MEASURES:

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

##### SAFE STORAGE & INCOMPATIBILITIES:

Store in a well-ventilated place. Keep cool.

#### 8. Exposure Controls / Personal Protection

##### CONTROL PARAMETERS:

**Linalool (78-70-6):** Not applicable.

**LINALYL ACETATE (115-95-7):** Not applicable.

**FLOROL (63500-71-0):** Not applicable.

**HEXYL SALICYLATE (6259-76-3):** Not applicable.

**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2):** Not applicable.

**METHYL IONONE GAMMA (127-51-5):** Not applicable.

**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Not applicable.

##### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Safety glasses.

**Skin/Body Protection:** Wear suitable protective clothing.

**Hand Protection:** Protective gloves

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

##### APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the work station.

**Environmental Exposure Controls:** Avoid release to the environment.

9. Physical & Chemical Properties			
<b>Physical State:</b>	Liquid	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	Mixture contains one or more component(s) which have the following colour(s): Colourless to brown Colourless Colourless to light yellow White On exposure to air: yellow Dark brown White to light yellow On exposure to light: discolours On exposure to light: yellow Solid: white to off-white Liquid: light yellow	<b>Odor:</b>	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Characteristic odour Floral odour Fruity odour Sweet odour Pine odour Lemon odour Mild odour Pleasant odour Aromatic odour Almost odourless Alcohol odour Strong odour Peppermint odour Phenol odour Odourless
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Melting Point:</b>	No data available.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility:</b>	No data available.
<b>Boiling Point:</b>	No data available.	<b>Auto-Ignition Temperature:</b>	No data available.
<b>Viscosity, Kinematic:</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>Viscosity, Dynamic:</b>	No data available.	<b>Decomposition Temperature:</b>	No data available.
<b>Flash Point:</b>	≈ 94.9°C	<b>Relative evaporation rate (butyl acetate=1):</b>	No data available.
<b>Explosion Limits:</b>	No data available.	<b>Partition Coefficient n-octanol/water (Log Pow):</b>	No data available.
<b>Explosive Properties:</b>	No data available.	<b>Other Information:</b>	No additional information available.

10. Stability & Reactivity Information	
<b>REACTIVITY:</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reactions known under normal conditions of use.
<b>CONDITIONS TO AVOID:</b>	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
<b>INCOMPATIBLE MATERIALS:</b>	No additional information available.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information	
<b>ACUTE TOXICITY:</b>	Acute toxicity (oral): Not classified. Acute toxicity (dermal): Not classified. Acute toxicity (inhalation): Not classified.
<b>Linalool (78-70-6)</b>	
LD50 oral rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight
<b>SKIN CORROSION/IRRITATION:</b>	Causes skin irritation.
<b>SERIOUS EYE DAMAGE/EYE IRRITATION:</b>	Causes serious eye irritation.
<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	May cause an allergic skin reaction.
<b>GERM CELL MUTAGENICITY:</b>	Not classified.
<b>CARCINOGENICITY:</b>	Not classified.
<b>REPRODUCTIVE TOXICITY:</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY -single exposure:</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:</b>	Not classified.
<b>Linalool (78-70-6)</b>	
NOAEL (dermal,rat/rabbit,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
<b>ASPIRATION HAZARD:</b>	Not classified.
<b>VISCOSITY, KINEMATIC:</b>	No data available.
<b>SYMPTOMS/EFFECTS AFTER SKIN CONTACT:</b>	Irritation. May cause an allergic skin reaction.
<b>SYMPTOMS/EFFECTS AFTER EYE CONTACT:</b>	Eye irritation.

## 12. Ecological Information

### TOXICITY:

**Ecology – General:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

#### LINALOOL (78-70-6)

LC50 - Fish [1]	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

#### LINALYL ACETATE (115-95-7)

LC50 - Fish [1]	11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)
EC50 - Crustacea [1]	15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

### PERSISTENCE AND DEGRADABILITY:

#### LINALOOL (78-70-6)

Persistence and Degradability Readily biodegradable in water.

#### LINALYL ACETATE (115-95-7)

Persistence and Degradability Readily biodegradable in water.

#### FLOROL (63500-71-0)

Persistence and Degradability Biodegradability in water: No data available.

### BIOACCUMULATIVE POTENTIAL:

#### LINALOOL (78-70-6)

Partition coefficient n-octanol/water (Log Pow) 2.84 (Experimental value, Equivalent or similar to OECD 107, 25°C)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

#### LINALYL ACETATE (115-95-7)

Partition coefficient n-octanol/water (Log Pow) 3.93 (Experimental value)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

#### FLOROL (63500-71-0)

Bioaccumulative potential No bioaccumulation data available.

### MOBILITY IN SOIL:

#### LINALOOL (78-70-6)

Surface tension 8.3 mN/m (20°C, ISO 9101: Surface active agents - Determination of interfacial tension)  
Ecology - soil No (test)data on mobility of the substance available.

#### LINALYL ACETATE (115-95-7)

Ecology - soil Adsorbs into the soil.

#### FLOROL (63500-71-0)

Ecology - soil No (test)data on mobility of the substance available.

### OTHER ADVERSE EFFECTS:

No additional information available.

## 13. Disposal Consideration

### WASTE TREATMENT METHODS:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## 14. Transportation Information

**DOT:** In accordance with DOT: Not regulated.

### TRANSPORTATION OF DANGEROUS GOODS:

**Transport document description (TDG):** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III

**UN-No. (TDG):** UN3082

**Proper Shipping Name (TDG):** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**TDG Primary Hazard Classes:** 9 - Class 9 - Miscellaneous Products, Substances or Organisms

**Packing group (TDG):** III - Minor Danger

#### TDG Special Provisions:

16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or

ALKALOIDS, SOLID, N.O.S.;(b)UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;(c)UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;(d)UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or(e)UN3249, MEDICINE, SOLID, TOXIC, N.O.S.(3)Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:(a)UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or(b)UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLYHAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUSSUBSTANCE, LIQUID, N.O.S, may be handled, offered for transport or transported as UN3077if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport.(2)These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLYHAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082,ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

**Explosive Limit and Limited Quantity Index:** 5 L

**TRANSPORT BY SEA:**

**Transport document description (IMDG):** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III, MARINE POLLUTANT

**UN-No. (IMDG):** 3082

**Proper Shipping Name (IMDG):** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Class (IMDG):** 9 - Miscellaneous dangerous substances and articles

**Packing group (IMDG):** III - substances presenting low danger

**Limited quantities (IMDG):** 5 L

**AIR TRANSPORT:**

**Transport document description (IATA):** UN 3082 Environmentally hazardous substance, liquid, n.o.s. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III

**UN-No. (IATA):** 3082

**Proper Shipping Name (IATA):** Environmentally hazardous substance, liquid, n.o.s.

**Class (IATA):** 9 - Miscellaneous Dangerous Substances and Articles

**Packing group (IATA):** III - Minor Danger

**15. Regulatory Information**

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

LINALOOL	CAS-No. 78-70-6	1 – 5%
LINALYL ACETATE	CAS-No. 115-95-7	1 – 5%
2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	CAS-No. 63500-71-0	5 – 10%
HEXYL SALICYLATE	CAS-No. 6259-76-3	< 0.5%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	CAS-No. 54464-57-2	5 – 10%
ALPHA-ISOMETHYL IONONE	CAS-No. 127-51-5	1 – 5%
ISOBORNYL CYCLOHEXANOL	CAS-No. 3407-42-9	1 – 5%

**US FEDERAL REGULATIONS:**

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

**INTERNATIONAL REGULATIONS:**

**CANADA:**

**Linalool (78-70-6):** Listed on the Canadian DSL (Domestic Substances List)

**LINALYL ACETATE (115-95-7):** Listed on the Canadian DSL (Domestic Substances List)

**FLOROL (63500-71-0):** Listed on the Canadian DSL (Domestic Substances List)

**HEXYL SALICYLATE (6259-76-3):** Listed on the Canadian DSL (Domestic Substances List)

**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2):** Listed on the Canadian DSL (Domestic Substances List)

**METHYL IONONE GAMMA (127-51-5):** Listed on the Canadian DSL (Domestic Substances List)

**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Listed on the Canadian DSL (Domestic Substances List)

**EU-REGULATIONS:**

No additional information available.

**NATIONAL REGULATIONS:**

**FLOROL (63500-71-0):** Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

**Linalool (78-70-6):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**LINALYL ACETATE (115-95-7):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**FLOROL (63500-71-0):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the EC Inventory Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**HEXYL SALICYLATE (6259-76-3):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**METHYL IONONE GAMMA (127-51-5):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

#### 16. Other Information

##### Full Text of H-Phases:

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

##### DISCLAIMER:


To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	257041	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	Evoke – Eucalyptus Mint	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Scent Diffuser Oil	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable Liquids Category 4: H227: Combustible liquid Skin Corrosion/Irritation Category 2: H315: Causes skin irritation Serious eye damage/eye irritation Category 2: H319: Causes serious eye irritation Skin Sensitization, Category 1: H317: May cause an allergic skin reaction Full text of H statements: See Section 16	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

- H227 - Combustible liquid.
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation

### PRECAUTIONARY STATEMENTS:

- Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P272 - Contaminated work clothing must not be allowed out of the workplace.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- 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.  
 P321 - Specific treatment (see supplemental first aid instruction on this label).  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P363 - Wash contaminated clothing before reuse  
 P370+P378 - In case of fire: Use media other than water to extinguish.
- Storage:** P403+P235 - Store in a well-ventilated place. Keep cool.  
**Disposal:** P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight	GHS-US Classification
DIHYDRO MYRCENOL	18479-58-8	10 – 30	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319
LINALOOL	78-70-6	5 – 10	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
TERPINEOL	8000-41-7	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
LIMONENE	5989-27-5	1 – 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
CITRONELLOL	106-22-9	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
AMYL SALICYLATE	2050-08-0	1 – 5	Acute Tox. 4 (Oral), H302
BENZYL SALICYLATE	118-58-1	1 – 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317
GERANIOL	106-24-1	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317

ISOBORNYL CYCLOHEXANOL	3407-42-9	1 – 5	Skin Irrit. 2, H315
2-(1-METHYLPROPYL) CYCLOHEXANONE	14765-30-1	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315
HEXYL CINNAMAL	101-86-0	1 – 5	Skin Sens. 1B, H317
ACETYL CEDRENE	32388-55-9	1 – 5	Skin Sens. 1B, H317
ALPHA-ISOMETHYL IONONE	127-51-5	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
ALLYL CYCLO HEXYL PROPIONATE	2705-87-5	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317
LINALYL ACETATE	115-95-7	0.5 – 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
LAEVO CARVONE	6485-40-1	0.5 – 1	Flam. Liq. 4, H227 Skin Sens. 1, H317
DAMASCONE DELTA	57378-68-4	< 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317

**Substances:** Not applicable.

Full text of hazard classes and H-statements: See Section 16.

#### 4. First Aid Measures

##### EMERGENCY OVERVIEW

##### AFTER EYE CONTACT:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### AFTER SKIN CONTACT:

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

##### AFTER INHALATION:

Remove person to fresh air and keep comfortable for breathing.

##### AFTER INGESTION:

Call a poison center/doctor/physician if you feel unwell.

##### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

**Symptoms/effects after skin contact:** Irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:** Eye irritation.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

#### 5. Fire-Fighting Measures

##### SUITABLE (AND UNSUITABLE) FIRE EXTINGUISHING MEDIA:

Water spray. Dry powder. Foam. Carbon dioxide.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

**Fire Hazard:** Combustible liquid.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (SCBA). Complete protective clothing.

#### 6. Accidental Release Measures

##### PERSONAL PRECAUTIONS:

##### For Non-emergency Personnel:

**Emergency Procedures:** Ventilate spillage area. No open flames, no sparks and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### For Emergency Responders:

**Protective Equipment:** Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure controls/personal protection".

##### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

##### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

**Methods for Cleaning Up:** Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

**Other Information:** Dispose of materials or solid residues at an authorized site.

##### REFERENCE TO OTHER SECTIONS:

For further information refer to Section 13.

#### 7. Handling and Storage

##### PRECAUTIONS FOR SAFE HANDLING:

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### HYGIENE MEASURES:

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

##### SAFE STORAGE & INCOMPATIBILITIES:

Store in a well-ventilated place. Keep cool.



## 8. Exposure Controls / Personal Protection

### CONTROL PARAMETERS:

**CITRONELLOL (106-22-9):** Not applicable.  
**GERANIOL (106-24-1):** Not applicable.  
**D-LIMONENE (5989-27-5):** Not applicable.  
**Linalool (78-70-6):** Not applicable.  
**LINALYL ACETATE (115-95-7):** Not applicable.  
**ALLYL CYCLO HEXYL PROPIONATE (2705-87-5):** Not applicable.  
**AMYL SALICYLATE (2050-08-0):** Not applicable.  
**BENZYL SALICYLATE (118-58-1):** Not applicable.  
**DAMASCONE DELTA (57378-68-4):** Not applicable.  
**DIHYDRO MYRCENOL (18479-58-8):** Not applicable.  
**FRESKOMENTHE (14765-30-1):** Not applicable.  
**HEXYL CINNAMIC ALDEHYDE (101-86-0):** Not applicable.  
**LAEVO CARVONE (6485-40-1):** Not applicable.  
**METHYL IONONE GAMMA (127-51-5):** Not applicable.  
**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Not applicable.  
**TERPINEOL (8000-41-7):** Not applicable.  
**ACETYL CEDRENE (32388-55-9):** Not applicable.

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Safety glasses.

**Skin/Body Protection:** Protective gloves and wear suitable protective clothing.

**Hand Protection:** Protective gloves

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

### APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the work station.

**Environmental Exposure Controls:** Avoid release to the environment.

## 9. Physical & Chemical Properties

<b>Color:</b>	Mixture contains one or more component(s) which have the following colour(s): Colourless to brown Colourless Colourless to light yellow White On exposure to air: yellow	<b>Odor:</b>	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Characteristic odour Floral odour Pleasant odour Fruity odour Sweet odour Pine odour Lemon odour Mild odour Unpleasant odour Irritating/pungent odour Almost odourless Alcohol odour Peppermint odour Strong odour Aromatic odour Odourless
<b>Physical State:</b>	Liquid.	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Melting Point:</b>	No data available.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility:</b>	No data available.
<b>Boiling Point:</b>	No data available.	<b>Auto-Ignition Temperature:</b>	No data available.
<b>Viscosity, Kinematic:</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>Viscosity, Dynamic:</b>	No data available.	<b>Decomposition Temperature:</b>	No data available.
<b>Flash Point:</b>	≈ 80.9°C	<b>Relative evaporation rate (butyl acetate=1):</b>	No data available.
<b>Explosion Limits:</b>	No data available.	<b>Partition Coefficient n-octanol/water (Log Pow):</b>	No data available.
<b>Explosive Properties:</b>	No data available.		

## 10. Stability & Reactivity Information

### REACTIVITY:

The product is non-reactive under normal conditions of use, storage and transport.

### CHEMICAL STABILITY:

Stable under normal conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known under normal conditions of use.

### CONDITIONS TO AVOID:

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### INCOMPATIBLE MATERIALS:

No additional information available.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological Information

### ACUTE TOXICITY:

Acute toxicity (oral): Not classified.

Acute toxicity (dermal): Not classified.

Acute toxicity (inhalation): Not classified.

### CITRONELLOL (106-22-9)

ATE US (oral) 3450 mg/kg body weight

ATE US (dermal) 2650 mg/kg body weight

**GERANIOL (106-24-1)**

LD50 oral rat 3600 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 14 day(s))  
LD50 dermal rabbit >5000 mg/kg (Rabbit, Experimental value, Dermal)  
ATE US (oral) 3600 mg/kg body weight

**D-LIMONENE (5989-27-5)**

LD50 oral rat >2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)  
LD50 dermal rabbit >5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)

**Linalool (78-70-6)**

LD50 oral rat 2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))  
LD50 dermal rabbit 5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))  
ATE US (oral) 2790 mg/kg body weight  
ATE US (dermal) 5610 mg/kg body weight

**ALLYL CYCLO HEXYL PROPIONATE (2705-87-5)**

ATE US (oral) 480 mg/kg body weight  
ATE US (dermal) 1600 mg/kg body weight  
ATE US (gases) 4500 ppmV/4h  
ATE US (vapors) 11 mg/l/4h  
ATE US (dust, mist) 1.5 mg/l/4h

**AMYL SALICYLATE (2050-08-0)**

LD50 oral rat 4100 mg/kg body weight (Rat, Experimental value, Oral)  
LD50 dermal rabbit >5000 mg/kg body weight (Rabbit, Experimental value, Skin)  
ATE US (oral) 2000 mg/kg body weight

**BENZYL SALICYLATE (118-58-1)**

LD50 oral rat 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s))  
LD50 dermal rabbit >2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s))  
ATE US (oral) 2200 mg/kg body weight

**DAMASCONE DELTA (57378-68-4)**

ATE US (oral) 1400 mg/kg body weight

**DIHYDRO MYRCENOL (18479-58-8)**

ATE US (oral) 3600 mg/kg body weight

**FRESKOMENTHE (14765-30-1)**

ATE US (oral) 2400 mg/kg body weight

**HEXYL CINNAMIC ALDEHYDE (101-86-0)**

ATE US (oral) 3100 mg/kg body weight

**LAEVO CARVONE (6485-40-1)**

ATE US (oral) 2500 mg/kg body weight  
ATE US (dermal) 3800 mg/kg body weight

**TERPINEOL (8000-41-7)**

ATE US (oral) 4300 mg/kg body weight

**ACETYL CEDRENE (32388-55-9)**

LD50 oral rat >2000 mg/kg (Rat, Oral)  
LD50 dermal rabbit >2000 mg/kg (Rabbit, Dermal)  
ATE US (oral) 4500 mg/kg body weight

**SKIN CORROSION/IRRITATION:**

Causes skin irritation.

**SERIOUS EYE DAMAGE/EYE IRRITATION:**

Causes serious eye irritation.

**RESPIRATORY OR SKIN SENSITIZATION:**

May cause an allergic skin reaction.

**GERM CELL MUTAGENICITY:**

Not classified.

**CARCINOGENICITY:**

Not classified.

**D-LIMONENE (5989-27-5)**

IARC group 3 - Not classifiable

**REPRODUCTIVE TOXICITY:**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY -single exposure:**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:**

Not classified.

**Linalool (78-70-6)**

NOAEL (dermal, rat/rabbit, 90 days) 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

**ASPIRATION HAZARD:**

Not classified.

**VISCOSITY, KINEMATIC:**

No data available.

**SYMPTOMS/EFFECTS AFTER SKIN CONTACT:**

Irritation. May cause an allergic skin reaction.

**SYMPTOMS/EFFECTS AFTER EYE CONTACT:**

Eye irritation.

**12. Ecological Information****TOXICITY:****Ecology – General:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.**GERANIOL (106-24-1)**

LC50 - Fish [1]	22 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	10.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	13.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

**D-LIMONENE (5989-27-5)**

LC50 - Fish [1]	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

**Linalool (78-70-6)**

LC50 - Fish [1]	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

**LINALYL ACETATE (115-95-7)**

LC50 - Fish [1]	11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)
EC50 - Crustacea [1]	15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

**BENZYL SALICYLATE (118-58-1)**

LC50 - Fish [1]	1.03 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	1.16 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

**PERSISTENCE AND DEGRADABILITY:****CITRONELLOL (106-22-9)**

Persistence and Degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.05 g O <sub>2</sub> /g substance
ThOD	2.961 g O <sub>2</sub> /g substance

**GERANIOL (106-24-1)**

Persistence and Degradability	Readily biodegradable in water.
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**D-LIMONENE (5989-27-5)**

Persistence and Degradability	Readily biodegradable in water.
ThOD	3.29 g O <sub>2</sub> /g substance

**LINALOOL (78-70-6)**

Persistence and Degradability	Readily biodegradable in water.
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**LINALYL ACETATE (115-95-7)**

Persistence and Degradability	Readily biodegradable in water.
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**AMYL SALICYLATE (2050-08-0)**

Persistence and Degradability	Biodegradable in water. No data available.
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**BENZYL SALICYLATE (118-58-1)**

Persistence and Degradability	Readily biodegradable in water.
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**DIHYDRO MYRCENOL (18479-58-8)**

Persistence and Degradability	Biodegradable in water: No data available.
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**ACETYL CEDRENE (32388-55-9)**

Persistence and Degradability	Biodegradable in water: No data available.
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**BIOACCUMULATIVE POTENTIAL:****CITRONELLOL (106-22-9)**

Partition coefficient n-octanol/water (Log Pow) 3.41 – 3.91

**GERANIOL (106-24-1)**Partition coefficient n-octanol/water (Log Pow) 2.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25°C)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).**D-LIMONENE (5989-27-5)**BCF - Fish [1] 864.8 – 1022 (Pisces, QSAR, Fresh weight)  
Partition coefficient n-octanol/water (Log Pow) 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37°C)  
Bioaccumulative potential Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ ).**Linalool (78-70-6)**Partition coefficient n-octanol/water (Log Pow) 2.84 (Experimental value, Equivalent or similar to OECD 107, 25°C)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).**LINALYL ACETATE (115-95-7)**Partition coefficient n-octanol/water (Log Pow) 3.93 (Experimental value)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).**AMYL SALICYLATE (2050-08-0)**Partition coefficient n-octanol/water (Log Pow) 4.57 (Estimated value)  
Bioaccumulative potential Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ ).**BENZYL SALICYLATE (118-58-1)**BCF - Fish [1] 1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flow-through system, Fresh water, Read-across, GLP)  
Partition coefficient n-octanol/water (Log Pow) 4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)  
Bioaccumulative potential Potential for bioaccumulation ( $500 \leq \text{BCF} \leq 5000$ ).**DIHYDRO MYRCENOL (18479-58-8)**Partition coefficient n-octanol/water (Log Pow) 3.47 (Estimated value)  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).**ACETYL CEDRENE (32388-55-9)**

Bioaccumulative potential No bioaccumulation data available.

**MOBILITY IN SOIL:****GERANIOL (106-24-1)**Organic Carbon Normalized Adsorption Coefficient (Log Koc) 1.85 (log Koc, PCKOCWIN v1.66, Calculated value)  
Ecology - soil Highly mobile in soil.**D-LIMONENE (5989-27-5)**

Ecology - soil Adsorbs into the soil.

**Linalool (78-70-6)**Surface tension 8.3 mN/m (20°C, ISO 9101: Surface active agents - Determination of interfacial tension)  
Ecology - soil No (test)data on mobility of the substance available.**LINALYL ACETATE (115-95-7)**

Ecology - soil Adsorbs into the soil.

**AMYL SALICYLATE (2050-08-0)**

Ecology - soil No (test)data on mobility of the substance available.

**BENZYL SALICYLATE (118-58-1)**Surface tension 69 mN/m (20°C, 0.004 g/l, EU Method A.5: Surface tension)  
Organic Carbon Normalized Adsorption Coefficient (Log Koc) 3.75 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)  
Ecology - soil Low potential for mobility in soil.**DIHYDRO MYRCENOL (18479-58-8)**

Ecology - soil No (test)data on mobility of the substance available.

**OTHER ADVERSE EFFECTS:**

No additional information available.

**13. Disposal Consideration****WASTE TREATMENT METHODS:**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## 14. Transportation Information

**DOT:** In accordance with DOT: Not regulated.

### TRANSPORTATION OF DANGEROUS GOODS:

**Transport document description (TDG):** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III

**UN-No. (TDG):** UN3082

**Proper Shipping Name (TDG):** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**TDG Primary Hazard Classes:** 9 - Class 9 - Miscellaneous Products, Substances or Organisms

**Packing group (TDG):** III - Minor Danger

### TDG Special Provisions:

16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. 99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport. (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

**Explosive Limit and Limited Quantity Index:** 5 L

### TRANSPORT BY SEA:

**Transport document description (IMDG):** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III, MARINE POLLUTANT

**UN-No. (IMDG):** 3082

**Proper Shipping Name (IMDG):** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Class (IMDG):** 9 - Miscellaneous dangerous substances and articles

**Packing group (IMDG):** III - substances presenting low danger

**Limited quantities (IMDG):** 5 L

### AIR TRANSPORT:

**Transport document description (IATA):** UN 3082 Environmentally hazardous substance, liquid, n.o.s. (LIMONENE ; AMYL SALICYLATE(2050-08-0)), 9, III

**UN-No. (IATA):** 3082

**Proper Shipping Name (IATA):** Environmentally hazardous substance, liquid, n.o.s.

**Class (IATA):** 9 - Miscellaneous Dangerous Substances and Articles

**Packing group (IATA):** III - Minor Danger

## 15. Regulatory Information

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

CITRONELLOL	CAS-No. 106-22-9	1 – 5%
GERANIOL	CAS-No. 106-24-1	1 – 5%
LIMONENE	CAS-No. 5989-27-5	1 – 5%
LINALOOL	CAS-No. 78-70-6	5 – 10%
LINALYL ACETATE	CAS-No. 115-95-7	0.5 – 1%
ALLYL CYCLO HEXYL PROPIONATE	CAS-No. 2705-87-5	1 – 5%
AMYL SALICYLATE	CAS-No. 2050-08-0	1 – 5%
BENZYL SALICYLATE	CAS-No. 118-58-1	1 – 5%
DAMASCONE DELTA	CAS-No. 57378-68-4	< 0.5%
DIHYDRO MYRCENOL	CAS-No. 18479-58-8	10 – 30%
2-(1-METHYLPROPYL) CYCLOHEXANONE	CAS-No. 14765-30-1	1 – 5%
HEXYL CINNAMAL	CAS-No. 101-86-0	1 – 5%
LAevo CARVONE	CAS-No. 6485-40-1	0.5 – 1%
ALPHA-ISOMETHYL IONONE	CAS-No. 127-51-5	1 – 5%
ISOBORNYL CYCLOHEXANOL	CAS-No. 3407-42-9	1 – 5%
TERPINEOL	CAS-No. 8000-41-7	1 – 5%
ACETYL CEDRENE	CAS-No. 32388-55-9	1 – 5%

### US FEDERAL REGULATIONS:

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

**INTERNATIONAL REGULATIONS:****CANADA:**

**CITRONELLOL (106-22-9):** Listed on the Canadian DSL (Domestic Substances List)  
**GERANIOL (106-24-1):** Listed on the Canadian DSL (Domestic Substances List)  
**D-LIMONENE (5989-27-5):** Listed on the Canadian DSL (Domestic Substances List)  
**Linalool (78-70-6):** Listed on the Canadian DSL (Domestic Substances List)  
**LINALYL ACETATE (115-95-7):** Listed on the Canadian DSL (Domestic Substances List)  
**ALLYL CYCLO HEXYL PROPIONATE (2705-87-5):** Listed on the Canadian DSL (Domestic Substances List)  
**AMYL SALICYLATE (2050-08-0):** Listed on the Canadian DSL (Domestic Substances List)  
**BENZYL SALICYLATE (118-58-1):** Listed on the Canadian DSL (Domestic Substances List)  
**DAMASCONE DELTA (57378-68-4):** Listed on the Canadian DSL (Domestic Substances List)  
**DIHYDRO MYRCENOL (18479-58-8):** Listed on the Canadian DSL (Domestic Substances List)  
**FRESKOMENTHE (14765-30-1):** Listed on the Canadian NDSL (Non-Domestic Substances List)  
**HEXYL CINNAMIC ALDEHYDE (101-86-0):** Listed on the Canadian DSL (Domestic Substances List)  
**LAEVO CARVONE (6485-40-1):** Listed on the Canadian DSL (Domestic Substances List)  
**METHYL IONONE GAMMA (127-51-5):** Listed on the Canadian DSL (Domestic Substances List)  
**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Listed on the Canadian DSL (Domestic Substances List)  
**TERPINEOL (8000-41-7):** Listed on the Canadian DSL (Domestic Substances List)  
**ACETYL CEDRENE (32388-55-9):** Listed on the Canadian DSL (Domestic Substances List)

**EU-REGULATIONS:**

No additional information available.

**NATIONAL REGULATIONS:**

**CITRONELLOL (106-22-9):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**GERANIOL (106-24-1):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**D-LIMONENE (5989-27-5):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on the Australian HSIS Consolidated List

**Linalool (78-70-6):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**LINALYL ACETATE (115-95-7):** Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory

**ALLYL CYCLO HEXYL PROPIONATE (2705-87-5):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**AMYL SALICYLATE (2050-08-0):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**BENZYL SALICYLATE (118-58-1):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**DAMASCONE DELTA (57378-68-4):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**DIHYDRO MYRCENOL (18479-58-8):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**FRESKOMENTHE (14765-30-1):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**HEXYL CINNAMIC ALDEHYDE (101-86-0):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**LAEVO CARVONE (6485-40-1):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

**METHYL IONONE GAMMA (127-51-5):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**ISOBORNYL CYCLOHEXANOL (3407-42-9):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

**TERPINEOL (8000-41-7):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

**ACETYL CEDRENE (32388-55-9):** Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on KECL/KECI (Korean Existing Chemicals Inventory)

## 16. Other Information

### Full Text of H-Phases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled

### DISCLAIMER:


To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	257011	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	Evoke – Blackberry Garden	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Scent Diffuser	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable Liquids Category 4: H227: Combustible liquid Acute Toxicity (inhalation: dust, mist): H332: Harmful if inhaled Skin Sensitization, Category 1: H317: May cause an allergic skin reaction Full text of H statements: See Section 16	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

H227 - Combustible liquid.  
H317 - May cause an allergic skin reaction.  
H332 - Harmful if inhaled.

### PRECAUTIONARY STATEMENTS:

**Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
**Response:** P302+P352 – IF ON SKIN: Wash with plenty of water.  
P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (See Section 4 of SDS for supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
**Storage:** P403+P235 - Store in a well-ventilated place. Keep cool.  
**Disposal:** P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight	GHS-US Classification
DPG – Dipropylene Glycol	25265-71-8	30 - 70	Acute Toxicity 4 (Inhalation: dust, mist), H332
Diethyl Malonate	105-53-3	5 - 10	Flammable Liquid 4, H227 Eye Irritation 2, H319
Hexyl Cinnamic Aldehyde	101-86-0	1 - 5	Skin Sensitization 1B, H317
Benzyl Benzoate	120-51-4	1 - 5	Acute Toxicity 4 (Oral), H302
Linalool	78-70-6	1 - 5	Flammable Liquid 4, H227 Skin Irritation 2, H315 Eye Irritation 2, H319 Skin Sensitization 1B, H317
Amyl Cinnamic Aldehyde	122-40-7	1 - 5	Skin Sensitization 1B, H317
Allyl Caproate/Allyl Hexanoate	123-68-2	1 - 5	Flammable Liquid 4, H227 Acute Toxicity 3 (Oral), H301 Acute Toxicity 3 (Dermal), H311 Acute Toxicity 3 (Inhalation), H331 Acute Toxicity 2 (Inhalation: dust, mist), H330
d-Limonene	5989-27-5	1 - 5	Flammable Liquid 3, H226 Skin Irritation 2, H315 Skin Sensitization 1, H317 Aspiration Toxicity 1, H304
Damascenone	23696-85-7	< 0.5	Skin Irritation 2, H315 Skin Sensitization 1A, H317

**Substances:** Not applicable.

Full text of hazard classes and H-statements: See Section 16.



#### 4. First Aid Measures

##### EMERGENCY OVERVIEW

**GENERAL:** Get medical advice/attention if you feel unwell. Call a poison center/doctor/physician if you feel unwell.

**EYES:** Rinse eyes with water as a precaution.

**SKIN:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

##### INHALATION:

Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Call a poison center/doctor/physician if you feel unwell.

##### INGESTION:

Call a poison center/doctor/physician if you feel unwell.

##### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/effects after skin contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

#### 5. Fire-Fighting Measures

##### SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray. Dry powder. Foam. Carbon dioxide.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

**Fire Hazard:** Combustible liquid.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (SCBA). Complete protective clothing.

#### 6. Accidental Release Measures

##### PERSONAL PRECAUTIONS:

###### For Non-emergency Personnel:

Emergency Procedures: Ventilate spillage area. No open flames, no sparks and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

###### For Emergency Responders:

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure controls/personal protection".

##### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

##### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Methods for cleaning up: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information: Dispose of materials or solid residues at an authorized site.

##### REFERENCE TO OTHER SECTIONS:

For further information refer to Section 13 of this SDS.

#### 7. Handling and Storage

##### SAFE HANDLING:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

##### HYGIENE MEASURES:

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

##### SAFE STORAGE & INCOMPATIBILITIES:

Store in a well-ventilated place. Keep cool.

#### 8. Exposure Controls / Personal Protection

##### CONTROL PARAMETERS:

**Linalool (78-70-6):** Not applicable.

**Allyl Caproate/Allyl Hexanoate (123-68-2):** Not applicable.

**Amyl Cinnamic Aldehyde (122-40-7):** Not applicable.

**Damascenone (23696-85-7):** Not applicable.

**Diethyl Malonate (105-53-3):** Not applicable.

**DPG – Dipropylene Glycol (25265-71-8):** Not applicable.

**d-Limonene (5989-27-5):** Not applicable.

**Hexyl Cinnamic Aldehyde (101-86-0):** Not applicable.

**Benzyl Benzoate (120-51-4):** Not applicable.

##### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Safety glasses.

**Skin Protection:** Protective gloves and wear suitable protective clothing.

**Respiratory Protection:** Wear respiratory protection.

##### APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the work station.

**Environmental Exposure Controls:** Avoid release to the environment.

9. Physical & Chemical Properties			
<b>Physical State:</b>	Liquid.	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	Mixture contains one or more component(s) which have the following color(s): Colorless to light yellow. On exposure to air: yellow Light yellow to colorless white. On exposure to light: yellow white to off-white Colorless to yellow White to light yellow On exposure to light: discolors	<b>Odor:</b>	There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Melting Point:</b>	Not applicable.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility (water):</b>	No data available.
<b>Boiling Point/Range:</b>	No data available.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Viscosity, Kinematic:</b>	No data available.	<b>Log Pow:</b>	No data available.
<b>Viscosity, Dynamic:</b>	No data available.	<b>Decomposition Temp:</b>	No data available.
<b>Flash Point:</b>	82.9°C	<b>Relative evaporation rate (butyl acetate=1):</b>	No data available.

10. Stability & Reactivity Information	
<b>REACTIVITY:</b>	The product is nonreactive under normal conditions of use, storage and transport.
<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reactions known under normal conditions of use.
<b>CONDITIONS TO AVOID:</b>	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
<b>INCOMPATIBLE MATERIALS:</b>	No additional information available.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information			
ACUTE TOXICITY:			
Components	Species	Test Results	
<u>Linalool (78-70-6)</u>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	5,610 mg/kg body weight (Equivalent or similar to OECD 402, 24h, Rabbit, Experimental value, Dermal, 7 day(s))	
<i>Oral</i>			
LD50	Rat	2,790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		2,790 mg/kg body weight	
ATE US (dermal)		5,610 mg/kg body weight	
<u>Allyl Caproate/Allyl Hexanoate (123-68-2)</u>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	820 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 14 day(s))	
<i>Inhalation</i>			
LC50	Rat	0.297 mg/l (1 - 8h, Rat, Male, Experimental value, Inhalation (vapors), 10 day(s))	
<i>Oral</i>			
LD50	Rat	218 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		218 mg/kg body weight	
ATE US (dermal)		300 mg/kg body weight	
ATE US (gases)		700 ppm/4h	
ATE US (vapors)		0.297 mg/l/4h	
ATE US (dust, mist)		0.297 mg/l/4h	
<u>Amyl Cinnamic Aldehyde (122-40-7)</u>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>2,000 mg/kg (Rabbit, Dermal)	
<i>Oral</i>			
LD50	Rat	3,730 mg/kg	
ATE US (oral)		3,730 mg/kg body weight	

<b>Damascenone (23696-85-7)</b>			
ATE US (dermal)		2,900 mg/kg body weight	
<b>Diethyl Malonate (105-53-3)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>16,960 mg/kg (Rabbit, Dermal)	
<i>Oral</i>			
LD50	Rat	15,794 mg/kg (Rat, Oral)	
ATE US (oral)		15,794 mg/kg body weight	
<b>DPG – Dipropylene Glycol (25265-71-8)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>5,010 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value, Dermal)	
<i>Inhalation</i>			
LC50	Rat	2.34 mg/l (Equivalent or similar to OECD 403, Rat, Male/female, Experimental value, Inhalation)	
<i>Oral</i>			
LD50	Rat	>5,000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral)	
ATE US (vapors)		2.34 mg/l/4h	
ATE US (dust, mist)		2.34 mg/l/4h	
<b>d-Limonene (5989-27-5)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>5,000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)	
<i>Oral</i>			
LD50	Rat	>2,000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)	
<b>Hexyl Cinnamic Aldehyde (101-86-0)</b>			
ATE US (oral)		3,100 mg/kg body weight	
<b>Benzyl Benzoate (120-51-4)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>2 ml/kg (Modification of Draize 1959 method, 4h, Rabbit, Experimental value, Dermal)	
<i>Oral</i>			
LD50	Rat	>2,000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		1,500 mg/kg body weight	
ATE US (dermal)		4,000 mg/kg body weight	
* Estimates for product may be based on additional component data not shown.			
<b>D-LIMONENE (5989-27-5)</b>			
IARC Group: 3 - Not classifiable.			
<b>SKIN CORROSION/IRRITATION:</b>			
Not classified.			
<b>SERIOUS EYE DAMAGE/EYE IRRITATION:</b>			
Not classified.			
<b>RESPIRATORY SENSITIZATION:</b>			
Not classified.			
<b>SKIN SENSITIZATION:</b>			
May cause an allergic skin reaction.			
<b>GERM CELL MUTAGENICITY:</b>			
Not classified.			
<b>CARCINOGENICITY:</b>			
Not classified.			
<b>REPRODUCTIVE TOXICITY:</b>			
Not classified.			
<b>SPECIFIC TARGET ORGAN TOXICITY -single exposure:</b>			
Not classified.			
<b>SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:</b>			
Not classified.			

**ASPIRATION HAZARD:**

Not classified.

**VISCOSITY, KINEMATIC:**

No data available.

**SYMPTOMS/EFFECTS AFTER SKIN CONTACT:**

May cause an allergic skin reaction.

**12. Ecological Information****ECOTOXICITY:**

Components		Species	Test Results
<b>Linalool (78-70-6)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50	Oncorhynchus mykiss	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
Algae	ErC50	Desmodesmus subspicatus	156.7 mg/l (DIN 38412-9, 96h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
<b>Allyl Caproate/Allyl Hexanoate (123-68-2)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	2 mg/l (EU Method C.2, 48h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50	Danio rerio	0.117 mg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
Algae	ErC50	Desmodesmus subspicatus	> 4.6 mg/l (OECD 201: Alga, Growth Inhibition Test, 72h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
<b>Amyl Cinnamic Aldehyde (122-40-7)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	1.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96h, Daphnia magna, Experimental value)
Fish	LC50	Brachydanio rerio	3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Brachydanio rerio, Experimental value)
<b>Diethyl Malonate (105-53-3)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	202.3 mg/l (48h, Daphnia magna, Static system)
Fish	LC50	Pimephales promelas	11.8 mg/l (96h, Pimephales promelas)
<b>DPG – Dipropylene Glycol (25265-71-8)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value)
Fish	LC50	Oryzias latipes	LC50 fish 1 > 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Oryzias latipes, Semi-static system, Fresh water, Experimental value)
Other aquatic organisms 1	LC50	Xenopus laevis	3181 mg/l (Other, 48h, Xenopus laevis, Fresh water, Experimental value)
<b>d-Limonene (5989-27-5)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50	Pimephales promelas	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
<b>Benzyl Benzoate (120-51-4)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50	Danio rerio	2.32 mg/l (EU Method C.1, 96h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)

**PERSISTENCE AND DEGRADABILITY:****Linalool (78-70-6):**

Readily biodegradable in water.

**Allyl Caproate/Allyl Hexanoate (123-68-2):**

Readily biodegradable in water.

ThOD: 2.05 g O<sub>2</sub>/g substance

**Amyl Cinnamic Aldehyde (122-40-7):**  
Biodegradability in soil: no data available. Readily biodegradable in water.

**Diethyl Malonate (105-53-3):**  
Readily biodegradable in water.

**DPG – Dipropylene Glycol (25265-71-8):**  
Readily biodegradable in water.

**d-Limonene (5989-27-5):**  
Readily biodegradable in water.

ThOD: 3.29 g O<sub>2</sub>/g substance

**Benzyl Benzoate (120-51-4):**  
Readily biodegradable in water.

#### **BIOACCUMULATIVE POTENTIAL:**

**Linalool (78-70-6):**

Log Pow: 2.84 (Experimental value, Equivalent or similar to OECD 107, 25°C)

Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)

**Allyl Caproate/Allyl Hexanoate (123-68-2):**

BCF fish 1: 59.2 - 102.3 l/kg (BCFBAF v3.01, Pisces, QSAR)

Log Pow: 3.191 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20°C)

Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)

**Amyl Cinnamic Aldehyde (122-40-7):**

BCF fish 1: 586 (Pisces, Calculated value)

Log Pow: 4.33 - 4.70 (Literature study)

Bioaccumulative Potential: Potential for bioaccumulation (500 ≤ BCF ≤ 5000)

**Diethyl Malonate (105-53-3):**

Log Pow: 0.96

Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)

**DPG – Dipropylene Glycol (25265-71-8):**

Log Pow: -0.462 (Test data, Equivalent or similar to OECD 107, 21.7°C)

Bioaccumulative Potential: Bioaccumulation: Not applicable.

**d-Limonene (5989-27-5):**

BCF fish 1: 864.8 - 1022 (Pisces, QSAR, Fresh weight)

Log Pow: 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37°C)

Bioaccumulative Potential: Potential for bioaccumulation (4 ≥ Log Kow ≤ 5)

**Benzyl Benzoate (120-51-4):**

BCF fish 1: 2.286 (BCFBAF v3.00, Pisces, QSAR)

Log Pow: 3.97 (Experimental value, 25°C)

Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)

#### **MOBILITY IN SOIL:**

**Linalool (78-70-6):**

Surface Tension: 8.3 mN/m (20°C, ISO 9101: Surface active agents - Determination of interfacial tension).

Ecology – Soil: No (test) data on mobility of the substance available.

**Allyl Caproate/Allyl Hexanoate (123-68-2):**

Ecology – Soil: No (test) data on mobility of the substance available.

**Amyl Cinnamic Aldehyde (122-40-7):**

Ecology – Soil: Low potential for mobility in soil.

**Diethyl Malonate (105-53-3):**

Ecology – Soil: May be harmful to plant growth, blooming and fruit formation.

**DPG – Dipropylene Glycol (25265-71-8):**

Surface Tension: 71.4 mN/m (22°C, 1.01 g/l)

Log Koc: 0.78 (log Koc, Calculated value)

Ecology – Soil: Low potential for absorption in soil.

**d-Limonene (5989-27-5):**

Ecology – Soil: Low potential for absorption in soil.

**Benzyl Benzoate (120-51-4):**

Surface Tension: 0.027 N/m (210°C)

Log Koc: 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)

Ecology – Soil: Low potential for absorption in soil.

#### **OTHER ADVERSE EFFECTS:**

No additional information available.

### **13. Disposal Consideration**

#### **DISPOSAL INSTRUCTIONS:**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

### **14. Transportation Information**

**DOT:** In accordance with DOT: Not regulated.

**Transportation of Dangerous Goods:** Not applicable.

**IATA:** Not regulated.

**IMDG:** Not regulated.

## 15. Regulatory Information

### US FEDERAL REGULATIONS:

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

### INTERNATIONAL REGULATIONS:

#### CANADA:

**Linalool (78-70-6):** Listed on the Canadian DSL (Domestic Substances List)

**Allyl Caproate/Allyl Hexanoate (123-68-2):** Listed on the Canadian DSL (Domestic Substances List)

**Amyl Cinnamic Aldehyde (122-40-7):** Listed on the Canadian DSL (Domestic Substances List)

**Damascenone (23696-85-7):** Listed on the Canadian DSL (Domestic Substances List)

**Diethyl Malonate (105-53-3):** Listed on the Canadian DSL (Domestic Substances List)

**DPG – Dipropylene Glycol (25265-71-8):** Listed on the Canadian DSL (Domestic Substances List)

**d-Limonene (5989-27-5):** Listed on the Canadian DSL (Domestic Substances List)

**Hexyl Cinnamic Aldehyde (101-86-0):** Listed on the Canadian DSL (Domestic Substances List)

**Benzyl Benzoate (120-51-4):** Listed on the Canadian DSL (Domestic Substances List)

### EU-REGULATIONS:

No additional information available.

### NATIONAL REGULATIONS:

No additional information available.

### US STATE REGULATIONS:



#### WARNING:

This product can expose you to Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).


## 16. Other Information

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

# SAFETY DATA SHEET

1. Product and Company Identification			
<b>PRODUCT NUMBER:</b>	257001	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	Evoke – Mountain Woods	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Scent Diffuser	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification			
<b>GHS CLASSIFICATION:</b> Skin corrosion/irritation: Category 2: H315: Causes skin irritation Serious eye damage/eye irritation: Category 2: H319: Causes serious eye irritation Skin Sensitization, Category 1: H317: May cause an allergic skin reaction Full text of H statements: See Section 16	<b>SIGNAL WORD:</b> <b>WARNING.</b>	<b>SYMBOL:</b>	
<b>HAZARD STATEMENTS:</b> H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation  <b>PRECAUTIONARY STATEMENTS:</b> <b>Prevention:</b> P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> 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. P321 - Specific treatment (see supplemental first aid instruction on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse. <b>Disposal:</b> P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.			
<b>HAZARDS NOT OTHERWISE SPECIFIED:</b> No additional information available.			
<b>UNKNOWN ACUTE TOXICITY (GHS US):</b> Not applicable.			

3. Composition / Information on Ingredients			
Chemical Name	CAS	Concentration % by Weight	GHS-US Classification
Iso E Super	54464-57-2	5 - 10	Skin Irritant 2, H315 Skin Sensitization 1B, H317
Florol	63500-71-0	5 - 10	Skin Irritant 2, H319
Benzyl Benzoate	120-51-4	5 - 10	Acute Toxicity 4 (Oral), H302
Cedramber	19870-74-7	1 - 5	Skin Sensitization 1B, H317
Methyl Ionone Gamma 70	127-51-5	1 - 5	Skin Irritant 2, H315 Eye Irritant 2, H319 Skin Sensitization 1B, H317
Linalool	78-70-6	1 - 5	Flammable Liquid 4, H227 Skin Irritation 2, H315 Eye Irritation 2, H319 Skin Sensitization 1B, H317
Benzyl Salicylate	118-58-1	1 - 5	Eye Irritant 2, H319 Skin Sensitization 1B, H317
DPG – Dipropylene Glycol	25265-71-8	1 - 5	Acute Toxicity 4 (Inhalation: dust, mist), H332
Mayol	13828-37-0	1 - 5	Skin Sensitization 1B, H317
Tonalid	1506-02-1	1 - 5	Acute Toxicity 4 (Oral), H302
Vanillin	121-33-5	1 - 5	Eye Irritant 2, H319
d-Limonene	5989-27-5	1 - 5	Flammable Liquid 3, H226 Skin Irritation 2, H315 Skin Sensitization 1, H317 Asp. Toxicity 1, H304
<b>Substances:</b> Not applicable. Full text of hazard classes and H-statements: See Section 16.			

#### 4. First Aid Measures

##### EMERGENCY OVERVIEW

**EYES:** Rinse eyes with water as a precaution. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**SKIN:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

##### INHALATION:

Remove person to fresh air and keep comfortable for breathing.

##### INGESTION:

Call a poison center/doctor/physician if you feel unwell.

##### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Eye irritation.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

#### 5. Fire-Fighting Measures

##### SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray. Dry powder. Foam. Carbon dioxide.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No additional information available.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

#### 6. Accidental Release Measures

##### PERSONAL PRECAUTIONS:

###### For Non-emergency Personnel:

Emergency Procedures: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

###### For Emergency Responders:

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure controls/personal protection".

##### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

##### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

##### REFERENCE TO OTHER SECTIONS:

For further information refer to Section 13.

#### 7. Handling and Storage

##### SAFE HANDLING:

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### HYGIENE MEASURES:

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

##### SAFE STORAGE & INCOMPATIBILITIES:

Store in a well-ventilated place. Keep cool.

#### 8. Exposure Controls / Personal Protection

##### CONTROL PARAMETERS:

**Floral (63500-71-0):** Not applicable.

**Mayol (13828-37-0):** Not applicable.

**Benzyl Salicylate (118-58-1):** Not applicable.

**Benzyl Benzoate (120-51-4):** Not applicable.

**Cedramber (19870-74-7):** Not applicable.

**Iso E Super (54464-57-2):** Not applicable.

**Linalool (78-70-6):** Not applicable.

**Methyl Ionone Gamma 70 (127-51-5):** Not applicable.

**Tonalid (1506-02-1):** Not applicable.

**Vanillin (121-33-5):** Not applicable.

**d-Limonene (5989-27-5):** Not applicable.

**DPG – Dipropylene Glycol (25265-71-8):** Not applicable.

##### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Safety glasses.

**Skin/Hand Protection:** Protective gloves. Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

##### APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the work station.

**Environmental Exposure Controls:** Avoid release to the environment.



9. Physical & Chemical Properties			
<b>Physical State:</b>	Liquid.	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	Mixture contains one or more component(s) which have the following color(s): Colorless to light yellow Colorless Yellow White On exposure to light: yellow White to off-white White to light yellow On exposure to light: discolors.	<b>Odor:</b>	There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Melting Point:</b>	Not applicable.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility (water):</b>	No data available.
<b>Boiling Point/Range:</b>	No data available.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Viscosity, Kinematic:</b>	No data available.	<b>Log Pow:</b>	No data available.
<b>Viscosity, Dynamic:</b>	No data available.	<b>Decomposition Temp:</b>	No data available.
<b>Flash Point:</b>	94.9 (≥ 0)°C	<b>Relative evaporation rate (butyl acetate=1):</b>	No data available.
<b>Explosion Limits:</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>Explosion Properties:</b>	No data available.		

10. Stability & Reactivity Information	
<b>REACTIVITY:</b>	The product is nonreactive under normal conditions of use, storage and transport.
<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reactions known under normal conditions of use.
<b>CONDITIONS TO AVOID:</b>	None under recommended storage and handling conditions (see Section 7).
<b>INCOMPATIBLE MATERIALS:</b>	No additional information available.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information			
<b>ACUTE TOXICITY:</b>			
Acute toxicity (oral): Not classified.			
Acute toxicity (dermal): Not classified.			
Acute toxicity (inhalation): Not classified.			
<b>Components</b>	<b>Species</b>	<b>Test Results</b>	
<b>Benzyl Salicylate (118-58-1)</b>			
<b>Acute Dermal</b>			
LD50	Rabbit	>2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s))	
<b>Oral</b>			
LD50	Rat	3031 - 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s))	
ATE US (oral)		2200 mg/kg body weight	
<b>Benzyl Benzoate (120-51-4)</b>			
<b>Acute Dermal</b>			
LD50	Rabbit	>2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)	
<b>Oral</b>			
LD50	Rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		1500 mg/kg body weight	
ATE US (dermal)		4000 mg/kg body weight	
<b>Linalool (78-70-6)</b>			
<b>Acute Dermal</b>			
LD50	Rabbit	5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))	
<b>Oral</b>			
LD50	Rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		2790 mg/kg body weight	
ATE US (dermal)		5610 mg/kg body weight	

<b>Tonalid (1506-02-1)</b>			
ATE US (oral)		1000 mg/kg body weight	
<b>Vanillin (121-33-5)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rat	>2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal, 14 day(s))	
<i>Oral</i>			
LD50	Rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))	
ATE US (oral)		3300 mg/kg body weight	
<b>d-Limonene (5989-27-5)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)	
<i>Oral</i>			
LD50	Rat	>2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)	
<b>DPG – Dipropylene Glycol (25265-71-8)</b>			
<b>Acute</b>			
<i>Dermal</i>			
LD50	Rabbit	>5010 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value, Dermal)	
<i>Inhalation</i>			
LC50	Rat	2.34 mg/l (Equivalent or similar to OECD 403, Rat, Male/female, Experimental value, Inhalation)	
<i>Oral</i>			
LD50	Rat	>5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral)	
ATE US (vapors)		2.34 mg/l/4h	
ATE US (dust, mist)		2.34 mg/l/4h	
<b>SKIN CORROSION/IRRITATION:</b>			
Causes skin irritation.			
<b>RESPIRATORY SENSITIZATION:</b>			
Not classified.			
<b>SKIN SENSITIZATION:</b>			
May cause an allergic skin reaction.			
<b>GERM CELL MUTAGENICITY:</b>			
Not classified.			
<b>CARCINOGENICITY:</b>			
Not classified.			
<b>d-Limonene (5989-27-5)</b>			
IARC Group 3 - Not classifiable			
<b>REPRODUCTIVE TOXICITY:</b>			
Not classified.			
<b>SPECIFIC TARGET ORGAN TOXICITY -single exposure:</b>			
Not classified.			
<b>SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:</b>			
Not classified.			
<b>ASPIRATION HAZARD:</b>			
Not classified.			
<b>VISCOSITY, KINEMATIC:</b>			
No data available.			
<b>SYMPTOMS/EFFECTS AFTER SKIN CONTACT:</b>			
May cause an allergic skin reaction.			
<b>SYMPTOMS/EFFECTS AFTER EYE CONTACT:</b>			
Eye irritation.			

## 12. Ecological Information

### ECOTOXICITY:

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Components	Species	Test Results
<b>Benzyl Salicylate (118-58-1)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	1.16 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50 Danio rerio	1.03 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
<b>Benzyl Benzoate (120-51-4)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50 Danio rerio	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
<b>Linalool (78-70-6)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50 Oncorhynchus mykiss	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
	Desmodemus subspicatus	156.7 mg/l (DIN 38412-9, 96 h, Desmodemus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
<b>Vanillin (121-33-5)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50 Pimephales promelas	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
Algae	ErC50 Pseudokirchneriella subcapitata	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
<b>d-Limonene (5989-27-5)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50 Pimephales promelas	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
<b>DPG – Dipropylene Glycol (25265-71-8)</b>		
<b>Aquatic</b> Crustacea	EC50 Daphnia magna	>100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
Fish	LC50 Oryzias latipes	>1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value)
Other aquatic organisms 1 LC50	Xenopus laevis	3181 mg/l (Other, 48 h, Xenopus laevis, Fresh water, Experimental value)
<b>PERSISTENCE AND DEGRADABILITY:</b>		
<b>Florol (63500-71-0):</b> Biodegradability in water: No data available.		
<b>Mayol (13828-37-0):</b> Biodegradability in water: No data available.		
<b>Benzyl Salicylate (118-58-1):</b> Readily biodegradable in water.		
<b>Benzyl Benzoate (120-51-4):</b> Readily biodegradable in water.		
<b>Linalool (78-70-6):</b> Readily biodegradable in water.		
<b>Vanillin (121-33-5):</b> Readily biodegradable in water.		
<b>d-Limonene (5989-27-5):</b> Readily biodegradable in water. ThOD: 3.29 g O <sub>2</sub> /g substance.		
<b>DPG – Dipropylene Glycol (25265-71-8):</b> Readily biodegradable in water.		
<b>BIOACCUMULATIVE POTENTIAL:</b>		
<b>Florol (63500-71-0):</b> No bioaccumulation data available.		

**Mayol (13828-37-0):**

Bioaccumulative Potential: No bioaccumulation data available.

**Benzyl Salicylate (118-58-1):**

BCF fish 1: 1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flowthrough system, Fresh water, Read-across, GLP).

Log Pow: 4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method).

Bioaccumulative Potential: Potential for bioaccumulation ( $500 \leq \text{BCF} \leq 5000$ ).

**Benzyl Benzoate (120-51-4):**

BCF fish 1: 2.286 (BCFBAF v3.00, Pisces, QSAR)

Log Pow: 3.97 (Experimental value, 25°C)

Bioaccumulative Potential: Low potential for bioaccumulation ( $\text{Log Kow} < 4$ ).

**Linalool (78-70-6):**

Log Pow: 2.84 (Experimental value, Equivalent or similar to OECD 107, 25°C)

Bioaccumulative Potential: Low potential for bioaccumulation ( $\text{Log Kow} < 4$ ).

**Vanillin (121-33-5):**

Log Pow: 1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25°C)

Bioaccumulative Potential: Low potential for bioaccumulation ( $\text{Log Kow} < 4$ ).

**d-Limonene (5989-27-5):** Persistence and degradability: Readily biodegradable in water.

BCF fish 1: 864.8 - 1022 (Pisces, QSAR, Fresh weight)

Log Pow: 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37°C)

Bioaccumulative Potential: Potential for bioaccumulation ( $4 \geq \text{Log Kow} \leq 5$ ).

**DPG – Dipropylene Glycol (25265-71-8):**

Log Pow: -0.462 (Test data, Equivalent or similar to OECD 107, 21.7°C)

Bioaccumulative Potential: Bioaccumulation: Not applicable.

**MOBILITY IN SOIL:**

**Florol (63500-71-0):** Ecology – soil: No (test) data on mobility of the substance available.

**Benzyl Salicylate (118-58-1):**

Surface Tension: 69 mN/m (20°C, 0.004 g/l, EU Method A.5: Surface tension)

Log Koc: 3.75 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value).

Ecology – Soil: Low potential for mobility in soil.

**Benzyl Benzoate (120-51-4):**

Surface Tension: 0.027 N/m (210°C)

Log Koc: 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value).

Ecology – Soil: Low potential for mobility in soil.

**Linalool (78-70-6):**

Surface Tension: 8.3 mN/m (20°C, ISO 9101: Surface active agents - Determination of interfacial tension).

Ecology – Soil: No (test) data on mobility of the substance available.

**Vanillin (121-33-5):**

Log Koc: 3.438 (log Koc, Experimental value)

Ecology – Soil: Low potential for mobility in soil.

**d-Limonene (5989-27-5):**

Ecology – soil: Low potential for adsorption in soil.

**DPG – Dipropylene Glycol (25265-71-8):**

Surface Tension: 71.4 mN/m (22°C, 1.01 g/l)

Log Koc: 0.78 (log Koc, Calculated value)

Ecology – Soil: Low potential for adsorption in soil.

**OTHER ADVERSE EFFECTS:**

No additional information available.

**13. Disposal Consideration****DISPOSAL INSTRUCTIONS:**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

**14. Transportation Information**

**DOT:** In accordance with DOT: Not regulated.

**Transportation of Dangerous Goods:** Not applicable.

**IATA:** Not regulated.

**IMDG:** Not regulated.

**15. Regulatory Information****US FEDERAL REGULATIONS:**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**Florol (63500-71-0):**

EPA TSCA Regulatory Flag

PMN - PMN - indicates a commenced PMN substance.

**INTERNATIONAL REGULATIONS:****CANADA:**

**Linalool (78-70-6):** Listed on the Canadian DSL (Domestic Substances List)

**Allyl Caproate/Allyl Hexanoate (123-68-2):** Listed on the Canadian DSL (Domestic Substances List)

**Amyl Cinnamic Aldehyde (122-40-7):** Listed on the Canadian DSL (Domestic Substances List)  
**Damascenone (23696-85-7):** Listed on the Canadian DSL (Domestic Substances List)  
**Diethyl Malonate (105-53-3):** Listed on the Canadian DSL (Domestic Substances List)  
**DPG – Dipropylene Glycol (25265-71-8):** Listed on the Canadian DSL (Domestic Substances List)  
**d-Limonene (5989-27-5):** Listed on the Canadian DSL (Domestic Substances List)  
**Hexyl Cinnamic Aldehyde (101-86-0):** Listed on the Canadian DSL (Domestic Substances List)  
**Benzyl Benzoate (120-51-4):** Listed on the Canadian DSL (Domestic Substances List)

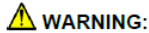
**EU-REGULATIONS:**

No additional information available.

**NATIONAL REGULATIONS:**

No additional information available.

**US STATE REGULATIONS:**



This product can expose you to Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**16. Other Information**

**Full text of H-phrases:**

H226: Flammable liquid and vapor  
H227: Combustible liquid  
H302: Harmful if swallowed  
H304: May be fatal if swallowed and enters airways  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H332: Harmful if inhaled

**DISCLAIMER:**


To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	257021	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	EVOKE – Vanilla Musk	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Scent Diffuser	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable Liquids Category 4: H227: Combustible liquid. Full text of H statements: See Section 16.	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

H227 - Combustible liquid.

### PRECAUTIONARY STATEMENTS:

**Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P370+P378 - In case of fire: Use media other than water to extinguish.

**Storage:** P403+P235 - Store in a well-ventilated place. Keep cool.

**Disposal:** P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight	GHS-US Classification
DPG – Dipropylene Glycol	25265-71-8	10 - 30	Acute Toxicity 4 (Inhalation: dust, mist), H332
Vanillin	121-33-5	5 -10	Eye Irritation 2, H319
Ethyl Maltol/Veltol Plus	4940-11-8	1 - 5	Acute Toxicity 4 (Oral), H302
Ethyl Vanillin	121-32-4	1 - 5	Eye Irritation 2, H319

Full text of hazard classes and H-statements: See Section 16.

## 4. First Aid Measures

### EMERGENCY OVERVIEW:

**GENERAL:** Get medical advice/attention if you feel unwell. Call a poison center/doctor/physician if you feel unwell.

**EYES:** Rinse eyes with water as a precaution.

**SKIN:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

### INHALATION:

Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Call a poison center/doctor/physician if you feel unwell.

### INGESTION:

Call a poison center/doctor/physician if you feel unwell.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/effects after skin contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray. Dry powder. Foam. Carbon dioxide.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

**Fire Hazard:** Combustible liquid.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (SCBA). Complete protective clothing.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

#### For Non-emergency Personnel:

Emergency Procedures: Ventilate spillage area. No open flames, no sparks and no smoking.

#### For Emergency Responders:

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer, to Section 8: "Exposure Controls/Personal Protection".

**ENVIRONMENTAL PRECAUTIONS:**

Avoid release to the environment.

**METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:**

Methods for Cleaning Up: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other Information: Dispose of materials or solid residues at an authorized site.

**REFERENCE TO OTHER SECTIONS:**

For further information refer to Section 13 of this SDS.

**7. Handling and Storage**

**SAFE HANDLING:**

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear personal protective equipment.

**HYGIENE MEASURES:**

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**SAFE STORAGE & INCOMPATIBILITIES:**

Store in a well-ventilated place. Keep cool.

**8. Exposure Controls / Personal Protection**

**CONTROL PARAMETERS:**

DPG – Dipropylene Glycol (25265-71-8): Not applicable.

Ethyl Maltoll/Veltol Plus (4940-11-8): Not applicable.

Ethyl Vanillin (121-32-4): Not applicable.

Vanillin (121-33-5): Not applicable.

**PERSONAL PROTECTIVE EQUIPMENT:**



**Eye/Face Protection:** Safety glasses.

**Skin Protection:** Protective gloves and wear suitable protective clothing.

**Respiratory Protection:** Wear respiratory protection.

**APPROPRIATE ENGINEERING CONTROLS:**

Ensure good ventilation of the work station.

**Environmental Exposure Controls:** Avoid release to the environment.

**9. Physical & Chemical Properties**

<b>Physical State:</b>	Liquid	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	Mixture contains one or more component(s) which have the following color(s): Colorless to light yellow. Colorless White. White to off-white. White to light yellow. On exposure to light: discolors.	<b>Odor:</b>	There may be no odor warning properties. Odor is subjective and inadequate to warn of overexposure.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Melting Point:</b>	Not applicable.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility (water):</b>	No data available.
<b>Boiling Point/Range:</b>	No data available.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Viscosity, Kinematic:</b>	No data available.	<b>Log Pow:</b>	No data available.
<b>Viscosity, Dynamic:</b>	No data available.	<b>Decomposition Temp:</b>	No data available.
<b>Flash Point:</b>	93°C	<b>Relative evaporation rate (butyl acetate=1):</b>	No data available.
<b>Explosion Properties:</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>Explosion Limits:</b>	No data available.		

**10. Stability & Reactivity Information**

**REACTIVITY:**

The product is nonreactive under normal conditions of use, storage and transport.

**CHEMICAL STABILITY:**

Stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

No dangerous reactions known under normal conditions of use.

**CONDITIONS TO AVOID:**

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**INCOMPATIBLE MATERIALS:**

No additional information available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. Toxicological Information**

**ACUTE TOXICITY:**

Acute Toxicity (oral): Not classified.

Acute Toxicity (dermal): Not classified.

Acute Toxicity (inhalation): Not classified.

Components	Species	Test Results
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DPG – Dipropylene Glycol (25265-71-8)

**Acute**

*Dermal*

LD50

Rabbit

>5,010 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value, Dermal)

*Inhalation*

LC50

Rat

2.34 mg/l (Equivalent or similar to OECD 403, Rat, Male/female, Experimental value, Inhalation)

*Oral*

LD50

Rat

>5,000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral)

ATE US (vapors)

2.34 mg/l/4h

ATE US (dust, mist)

2.34 mg/l/4h

Ethyl MaltoVeltol Plus (4940-11-8)

**Acute**

*Dermal*

LD50

Rabbit

>5,000 mg/kg

*Oral*

LD50

Rat

1,150 mg/kg

ATE US (oral)

1,150 mg/kg body weight

Ethyl Vanillin (121-32-4)

**Acute**

*Dermal*

LD50

Rabbit

>2,000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24h, Rat, Male/female, Experimental value, Dermal, 14 day(s))

*Oral*

LD50

Rat

>3,160 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))

ATE US (oral)

3,000 mg/kg body weight

Vanillin (121-33-5)

**Acute**

*Dermal*

LD50

Rat

>2,000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24h, Rat, Male/female, Experimental value, Dermal, 14 day(s))

*Oral*

LD50

Rat

3,300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))

ATE US (oral)

3,300 mg/kg body weight

**SKIN CORROSION/IRRITATION:**

Not classified.

**SERIOUS EYE DAMAGE/EYE IRRITATION:**

Not classified.

**RESPIRATORY SENSITIZATION:**

Not classified.

**SKIN SENSITIZATION:**

Not classified.

**GERM CELL MUTAGENICITY:**

Not classified.

**CARCINOGENICITY:**

Not classified.

**REPRODUCTIVE TOXICITY:**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY -single exposure:**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:**

Not classified.

**ASPIRATION HAZARD:**

Not classified.

**VISCOSITY, KINEMATIC:**

No data available.

**12. Ecological Information**

**ECOTOXICITY:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.



Components	Species		Test Results
DPG – Dipropylene Glycol (25265-71-8)			
<b>Aquatic</b>			
Other aquatic organisms 1	LC50	Daphnia magna	3,181 mg/l (Other, 48h, Xenopus laevis, Fresh water, Experimental value)
Fish	LC50	Oryzias latipes	>1,000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96h, Oryzias latipes, Semi-static system, Fresh water, Experimental value)
Crustacea	EC50	Daphnia magna	>100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value)
Ethyl Vanillin (121-32-4)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
Fish	LC50	Pimephales promelas	87.6 mg/l (Equivalent or similar to OECD 203, 96h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
Algae	ErC50	Pseudokirchneriella subcapitata	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)
Vanillin (121-33-5)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Fish	LC50	Pimephales promelas	57 mg/l (Equivalent or similar to OECD 203, 96h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
Algae	ErC50	Pseudokirchneriella subcapitata	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
<b>PERSISTENCE AND DEGRADABILITY:</b>			
<b>DPG – Dipropylene Glycol (25265-71-8):</b>			
Readily biodegradable in water.			
<b>Ethyl Malto\Velto Plus (4940-11-8):</b>			
Biodegradability in water: no data available.			
<b>Ethyl Vanillin (121-32-4):</b>			
Readily biodegradable in water.			
ThOD: 1.81 g O <sub>2</sub> /g substance			
BOD (% of ThOD): 0.529 (5 day(s), Literature study)			
<b>Vanillin (121-33-5):</b>			
Readily biodegradable in water.			
<b>BIOACCUMULATIVE POTENTIAL:</b>			
<b>DPG – Dipropylene Glycol (25265-71-8):</b>			
Log Pow: -0.462 (Test data, Equivalent or similar to OECD 107, 21.7°C)			
Bioaccumulative Potential: Bioaccumulation: Not applicable.			
<b>Ethyl Malto\Velto Plus (4940-11-8):</b>			
Bioaccumulative Potential: No bioaccumulation data available.			
<b>Ethyl Vanillin (121-32-4):</b>			
Log Pow: 1.58 (Experimental value, Equivalent or similar to OECD 107, 25°C)			
Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)			
<b>Vanillin (121-33-5):</b> Log Pow: 1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25°C)			
Bioaccumulative Potential: Low potential for bioaccumulation (Log Kow < 4)			
<b>MOBILITY IN SOIL:</b>			
<b>DPG – Dipropylene Glycol (25265-71-8):</b>			
Surface Tension: 71.4 mN/m (22°C, 1.01 g/l)			
Log Koc: 0.78 (log Koc, Calculated value)			
Ecology – Soil: Low potential for adsorption in soil.			
<b>Ethyl Vanillin (121-32-4):</b>			
Log Koc: 3.092 (log Koc, Equivalent or similar to OECD 106, Experimental value)			
Ecology – Soil: Low potential for mobility in soil.			
<b>Vanillin (121-33-5):</b>			
Log Koc: 3.438 (log Koc, Experimental value)			
Ecology – Soil: Low potential for mobility in soil.			
<b>OTHER ADVERSE EFFECTS:</b>			
No additional information available.			

### 13. Disposal Consideration

#### DISPOSAL INSTRUCTIONS:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

### 14. Transportation Information

**DOT:** In accordance with DOT: Not regulated.  
**Transportation of Dangerous Goods:** Not applicable.  
**IATA:** Not applicable.  
**IMDG:** Not applicable.

### 15. Regulatory Information

#### US FEDERAL REGULATIONS:

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

#### INTERNATIONAL REGULATIONS:

##### CANADA:

**DPG – Dipropylene Glycol (25265-71-8):** Listed on the Canadian DSL (Domestic Substances List).

**Ethyl Maltol/Velto Plus (4940-11-8):** Listed on the Canadian DSL (Domestic Substances List).

**Ethyl Vanillin (121-32-4):** Listed on the Canadian DSL (Domestic Substances List).

**Vanillin (121-33-5):** Listed on the Canadian DSL (Domestic Substances List).

#### EU-REGULATIONS:

No additional information available.

#### NATIONAL REGULATIONS:

No additional information available.

#### US STATE REGULATIONS:



#### WARNING:

This product can expose you to Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 16. Other Information

#### DISCLAIMER:

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