

"Lavender Fleurs"

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Code: 00322224  
 Product Name: Lavender Flowers

CAS No. N/A

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

Recommended use Aromatic Ingredient (s). For Industrial Use Only.  
 Uses advised against Do not ingest as such. Avoid eye contact.

**Details of the supplier of the safety data sheet**

Robertet, Inc.  
 400 International Drive  
 Mount Olive, NJ 07828 USA  
 TEL: 201-337-7100  
 E-mail: reginc@robertetusa.com

**Emergency telephone number**

Emergency Telephone Number Chemtrec 1-800-424-9300 (24 hrs)  
 Outside of the USA and Canada (703) 527-3887. Collect calls accepted

## 2. HAZARDS IDENTIFICATION

**OSHA Hazard Classification**

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1B
Specific target organ toxicity (single exposure)	Category 2
Flammable liquids	Category 4

**Label elements**

**Signal Word**

Warning

**Hazard Statements**

Causes Skin Irritation  
 Causes serious eye irritation  
 May cause an allergic skin reaction  
 May cause damage to organs  
 Combustible liquid



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Contaminated work clothing should not be allowed out of the workplace  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Do not eat, drink or smoke when using this product  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)  
 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician  
 IF IN EYES: 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  
 IF ON SKIN: Wash with plenty of soap and water  
 Take off contaminated clothing and wash before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None known

**Other Information**

Toxic to aquatic life with long lasting effects  
 Toxic to aquatic life

**Interactions with Other Chemicals**

Not applicable

**Principle Routes of Exposure**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	GHS Classification
Linalyl acetate	115-95-7	30% - 40%	Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Irrit. 2 (H315)
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	470-82-6	30% - 40%	Skin Sens. 1B (H317) Skin Corr. 3 (H316) Acute Tox. Oral 5 (H303) Flam. Liq. 3 (H226)
1,6-octadien-3-ol,3,7-dimethyl	78-70-6	20% - 30%	Acute Tox. Oral 5 (H303) Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Irrit. 2 (H315)
dl-Camphor	21368-68-3	10% - 20%	Acute Tox. Oral 4 (H302) Acute Tox. Inhalation - dust and mist 4 (H332) Flam. Sol. 2 (H228) Aquatic Acute 3 (H402) STOT SE Oral 2 (H371)
Pinene, beta	127-91-3	1.0% - 5.0%	Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226)

Pinene, alpha	80-56-8	1.0% - 5.0%	Acute Tox. Oral 5 (H303) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226)
3-cyclohexene-1-methanol, a,a,4-trimethyl	98-55-5	1.0% - 5.0%	Skin Irrit. 2 (H315) Aquatic Acute 2 (H401) Flam. Liq. 4 (H227) Eye Irrit. 2A (H319) Acute Tox. Oral 5 (H303)
Caryophyllene beta	87-44-5	1.0% - 5.0%	Asp. Tox. 1 (H304) Skin Corr. 3 (H316)
Camphene	79-92-5	1.0% - 5.0%	Eye Irrit. 2A (H319) Aquatic Acute 1 (H400) Flam. Sol. 2 (H228) Aquatic Chronic 1 (H410) Skin Corr. 3 (H316)
Geraniol	106-24-1	0.1% - 1.0%	Eye Dam. 1 (H318) Skin Irrit. 2 (H315) Acute Tox. Oral 5 (H303) Aquatic Acute 2 (H401) Skin Sens. 1 (H317)
Coumarin	91-64-5	0.1% - 1.0%	Skin Sens. 1B (H317) Aquatic Acute 3 (H402) Acute Tox. Oral 4 (H302)
Cymene p	99-87-6	0.1% - 1.0%	Skin Corr. 3 (H316) Flam. Liq. 3 (H226) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411) Acute Tox. Oral 5 (H303) Asp. Tox. 1 (H304)
4-Isopropylidene-1-methylcyclohexene	586-62-9	0.1% - 1.0%	Acute Tox. Oral 5 (H303) Skin Corr. 3 (H316) Aquatic Chronic 1 (H410) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Flam. Liq. 4 (H227) Asp. Tox. 1 (H304)
Terpinene, alpha	99-86-5	0.1% - 1.0%	Skin Corr. 3 (H316) Flam. Liq. 3 (H226) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411) Acute Tox. Oral 4 (H302) Asp. Tox. 1 (H304)

#### 4. FIRST AID MEASURES

##### First Aid Measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.

##### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES



**Suitable Extinguishing Media**

Carbon dioxide (CO2). Water spray. Use: Dry chemical. alcohol-resistant foam.

**Unsuitable Extinguishing Media**

Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

**Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Protective Equipment and Precautions for Firefighters**

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges.

**Environmental Precautions****Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Methods and material for containment and cleaning up****Methods for Clean-up**

Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Dam up. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. Use product only in closed system. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. - No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

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

**Appropriate engineering controls****Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Eye/face Protection**

Tight sealing safety goggles.

<b>Skin and body protection</b>	No special technical protective measures are necessary.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>General Hygiene Considerations</b>	When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Pale yellow
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	Not Determined	None known
Melting Point/Range	Not Determined	None known
Boiling Point/Range (°C)	>35	None known
Flash Point:	66 °C / 151 °F	CC (closed cup)
Evaporation rate	Not Determined	None known
Flammability (solid, gas)	Not Determined	None known
Vapor Pressure (mm Hg @ 20°C):	Not Determined	None known
Vapor Density	Not Determined	None known
Relative density	Not Determined	None known
Specific Gravity @ 20/20 °C:	0.8850-0.9150	RTM-101
Water Solubility:	Not Determined	None known
Solubility in other solvents	Not Determined	None known
Partition coefficient: n-octanol/water	Not Determined	None known
Autoignition Temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Viscosity	Not Determined	None known

<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

### Other information

## 10. STABILITY AND REACTIVITY

### Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

### Chemical Stability

Stable under normal conditions. Hazardous polymerisation does not occur.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Heating in air.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50	>5000 mg/kg
Dermal LD50	>5000 mg/kg
Mist	10.40 mg/L

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

None known.

**Persistence/Degradability**

No information available.

**Bioaccumulation/ Accumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Waste Disposal Method</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION**



<u>DOT</u>	Not regulated
<u>IMDG/IMO</u>	
UN/ID No	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Pinene, beta AND Pinene, alpha)
Hazard Class	9
Packing Group	III
EmS No.	F-A, S-F
<u>IATA/ICAO</u>	
UN-No	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Pinene, beta AND Pinene, alpha)
Hazard Class	9
Packing Group	III

## 15. REGULATORY INFORMATION

### USA

#### Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### State Regulations

**California Proposition 65** This product does not contain any Proposition 65 chemicals

#### International Regulations

##### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

##### **WHMIS Hazard Class**

B3 Combustible liquid D2A Very toxic materials



## 16. OTHER INFORMATION

Product Code: 00322224

Product Name: Lavender Flowers

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**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Classification and Labelling according to the IFRA/IOFI Labelling Manual 2013.

Preparation Date: 01-November-2015

**End of SDS**