

# Safety Data Sheet



## 1. Identification

<b>Product Code:</b>	8092		
<b>Product Name:</b>	SPELL		
<b>Recommended Use:</b>	Fragrance for Microdifusers	<b>Validation Date:</b>	03/29/2017
<b>Supplied by:</b>	AromaQuest Systems,LLC. 3325 NW 70th Ave., Miami, FL 33122, USA. +1-305-521-907 E-Mail: techdept@aromaquest.com	<b>Supersedes Date:</b>	New SDS
<b>Reason for revision:</b>	Not Applicable: First Issue		
<b>Datasheet produced by:</b>	Technical Department		
<b>In Case Of Emergency:</b>	Chemtel: Continental US: +1-800-255-3924 International: +1-813-248-0573		

## 2. Hazards Identification

### GHS Classification

Carc. 1A, Eye Irrit. 2, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1

### Symbol(s) of Product



### Signal Word

Danger

### GHS Hazard Statements

Flammable Liquid, category 4	H227	Combustible liquid
Carcinogenicity, category 1A	H350	May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependant on ingredient form. May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

### GHS Label Precautionary Statements

P201	Obtain special instructions before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P362	Take off contaminated clothing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

**GHS Additional Information**

H362	Contains one or more Category 1 or Category 2 Reproductive Toxicants at greater than 0.1%. A Safety Data Sheet shall be available for the mixture upon request.
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**GHS SDS Precautionary Statements**

P363	Wash contaminated clothing before reuse.
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**3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
7-Octen-2-ol, 2,6-dimethyl-OTNE	18479-58-8	0.85-3.4	GHS07	H227-319
HEXYL CINNAMAL	54464-57-2	0.85-3.4	GHS07	H315-317
3,7-Dimethyl-1,6-octadien-3-ol	101-86-0	0.85-3.4	GHS07	H317
Acetate, 3,7-dimethyl-1,6-octadien-3-yl	78-70-6	0.35-0.85	GHS07	H227-315-319
Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	115-95-7	0.35-0.85	GHS07	H227-315-319
Oils, grapefruit	80-54-6	0.35-0.85	GHS07-GHS08	H302-227-361-315-317
Extractives and their physically modified derivatives. Juniperus mexicana, Cupressaceae.	8016-20-4	0.35-0.85	GHS02-GHS07-GHS08	H226-304-315-317
Oils, nutmeg	68990-83-0	0.35-0.85	GHS08	H304
Dipropylene Glycol Methyl Ether Acetate	8008-45-5	0.35-0.85	GHS02-GHS07-GHS08	H226-341-350-304-315-319-317
Ethanol	88917-22-0	15-55	GHS07	H227-315-319
	64-17-5	5-10	GHS02-GHS07	H225-302-319

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**4. First-aid Measures**

**First Aid - Inhalation:** Remove to fresh air and seek medical assistance if necessary.

**First Aid - Skin Contact:** Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

**First Aid - Eye Contact:** Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

**First Aid - Ingestion:** Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.

**5. Fire-fighting Measures**

**Unusual Fire and Explosion Hazards:** None known.

**Special Firefighting Procedures:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable Extinguishing Media:** Water spray/mist, Foam, Carbon Dioxide (CO<sub>2</sub>), and Dry Chemical. Water may be used to cool off containers.

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

## 6. Accidental Release Measures

**Precautionary Measures:** Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

**Environmental Measures:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and Materials for Containment and Cleaning Up:** Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

## 7. Handling and Storage

**Handling:** Keep away from heat and flame. Use with adequate ventilation. For industrial use only.

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure Controls/Personal Protection

**Respiratory Protection:** Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended.

**Skin Protection:** Chemical resistant gloves recommended.

**Eye Protection:** Wear safety glasses with side shields or goggles.

**Hygienic Practices:** Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	CLEAR LIQUID	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Conforms to Standard	<b>Odor Threshold:</b>	Not Established
<b>Specific Gravity (typical):</b>	0.95	<b>pH:</b>	Not Measured
<b>Freeze Point, °C:</b>	Not Applicable	<b>Viscosity:</b>	Not Measured
<b>Solubility in Water:</b>	INSOLUBLE	<b>Partition Coefficient, n-octanol/water:</b>	Not Measured
<b>Decomposition temperature, °C</b>	Not Measured		
<b>Initial Boiling Point, °C:</b>	87	<b>Explosive Limits, %:</b>	Not Measured
		<b>Flash Point, °C / °F (Closed Cup):</b>	75 / 167
<b>Evaporation Rate:</b>	Not Measured	<b>Auto-Ignition Temperature, °C</b>	Not Measured
<b>Vapor Density:</b>	Not Measured	<b>Vapor Pressure, mmHg:</b>	Not Measured

## 10. Stability and Reactivity

**Stability:** Material is stable under normal conditions.

**Reactivity:** The product is non-reactive under normal conditions of use, storage, and transport

**Conditions to Avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatibility:** Keep away from strong oxidizing agents, heat and open flames.

**Hazardous Decomposition Products:** When heated, may produce unpleasant fumes and/or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide.

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

## 11. Toxicological Information

**Effect of Overexposure - Inhalation:** No adverse effects due to inhalation are expected under normal use.

**Effect of Overexposure - Skin Contact:** Not expected to cause skin problems under normal use conditions.

**Effect of Overexposure - Eye Contact:** Not expected to cause eye problems under normal use conditions.

**Effect of Overexposure - Ingestion:** Under normal use conditions, this product is not expected to cause adverse health effects.

**Carcinogenicity:** This product contains carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

**Primary Route(s) of Entry:** Inhalation

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
18479-58-8	7-Octen-2-ol, 2,6-dimethyl-	3600 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
1222-05-5	HHCB	>5000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
101-86-0	HEXYL CINNAMAL	2450 mg/kg Rat	>3000 mg/kg Rabbit	N.I.
80-54-6	Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	>1000 mg/kg Rat	>2000 mg/kg Rat	N.I.

N.I. = No Information

## 12. Ecological Information

**Ecological Information:** Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

## 13. Disposal Information

**Disposal Method:** Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

## 14. Transport Information

Regulatory Information	UN / NA Number:	Proper Shipping Name:	Class:	Packing Group:	Label	Additional Info
PHMSA / DOT	N/A	N/A	N/A	N/A	N/A	N/A
ICAC / IATA	N/A	N/A	N/A	N/A	N/A	N/A
IMO / IMDG	N/A	N/A	N/A	N/A	N/A	N/A
CANUTEC / TDG	N/A	N/A	N/A	N/A	N/A	N/A
ADR / RID	N/A	N/A	N/A	N/A	N/A	N/A

## 15. Regulatory Information

**VOC Regulations:** This product complies with the Volatile Organic Compounds (VOC) limits of the United States Environmental Protection Agency (EPA) Federal Rules for institutional and consumer products, the California Air Resources Board (CARB) and other states adopting the OTC rules for VOC.

## 16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226	Flammable liquid and vapour.
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.
H341	Suspected of causing genetic defects. Classified Category 2 if one ingredient is present at or above 0.1%. Applies to liquids, Solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependant on ingredient form.
H350	May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H361	Suspected of damaging fertility or the unborn child. Classified Category 2 suspected human reproductive toxicant irreversible effects such as structural malfunctions, embryo/foetal lethality, post natal functional deficiencies.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. AromaQuest and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.