

# Material Safety Data Sheet

Issuing Date 16-Aug-2013

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Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Bliss, Flora and Zeal Viva!E Refill

### Other means of identification

UN-Number UN1169

Synonyms None

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

Recommended Use Air freshener

Uses advised against No information available

### Supplier's details

#### Supplier Address

Fragrance Delivery Technologies, LTD  
P.O.Box 262800  
Dubai  
United Arab Emirates  
TEL: +9714 887 0577  
email: fdtinquiries@oxygenpowered.com

### Emergency telephone number

Emergency Telephone 303-389-1271  
Number 855-259-2437


## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Skin Sensitization	Category 1
Aspiration Toxicity	Category 1
Flammable liquids	Category 3

**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal Word</b>	<b>Danger</b>
<b>Hazard Statements</b> <ul style="list-style-type: none"><li>• Causes skin irritation</li><li>• Causes serious eye irritation</li><li>• May cause an allergic skin reaction</li><li>• Very toxic to aquatic life with long lasting effects</li><li>• May be fatal if swallowed and enters airways</li><li>•</li><li>• Flammable liquid and vapor.</li></ul>	
	
<b>Appearance</b> Varies	<b>Physical State</b> Liquid.
	<b>Odor</b> Varies with fragrance

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- Specific treatment (see supplemental instructions on the administration of antidotes on this label)

**Eyes**

- 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.

**Skin**

- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion**

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- Do NOT induce vomiting.

**Fire**

- In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage**

- Store locked up
- Store in a well-ventilated place. Keep cool.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Very toxic to aquatic life with long lasting effects

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
D-Limonene	5989-27-5	5-<50	*
Dihydromyrcenol	18479-58-8	1-<20	*
Eucalyptol	470-82-6	1-<15	*
Linalool	78-70-6	1-<5	*
Geraniol	106-24-1	1-<5	*
Ethyl hexanoate	123-66-0	1-<5	*
Decanal	112-31-2	1-<5	*
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	88-41-5	3-<5	*
Citral	5392-40-5	0.1-<5	*
Camphene	79-92-5	3-<5	*
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	103-95-7	0.1-<5	*
Thymol	89-83-8	1-<3	*
Oils, thyme	8007-46-3	1-<3	*
Pin-2(3)-ene	80-56-8	0.1-<1	*
Isoeugenol	97-54-1	0.1-<1	*
Citronellol	106-22-9	0.1-<1	*
Carvone	6485-40-1	0.1-<1	*
Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl-	13466-78-9	0.1-<1	*
Camphor	76-22-2	0.1-<1	*
2,6-Di-tert-butyl-p-cresol	128-37-0	<0.1	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

#### 4. FIRST AID MEASURES

##### Description of necessary first-aid measures

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately. Do NOT induce vomiting.
<b>Protection of First-aiders</b>	Remove all sources of ignition. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

##### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** Hives Itching Rashes Irritation.

##### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use: Water spray. Carbon dioxide (CO<sub>2</sub>). Foam.

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

##### Specific Hazards Arising from the Chemical

Flammable. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

##### Explosion Data

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	Yes.

##### 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** Remove all sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

### Environmental Precautions

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Collect spillage. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information

### Methods and materials for containment and cleaning up

**Methods for Containment** Dike far ahead of liquid spill for later disposal.

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use clean non-sparking tools to collect absorbed material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

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

**Incompatible Products** Strong oxidizing agents, Strong acids, Strong bases,

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Citral 5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*	-	-
Pin-2(3)-ene 80-56-8	TWA: 20 ppm	-	-
Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl- 13466-78-9	TWA: 20 ppm	-	-
Camphor 76-22-2	STEL: 3 ppm synthetic TWA: 2 ppm synthetic	TWA: 2 mg/m <sup>3</sup> (vacated) TWA: 2 mg/m <sup>3</sup>	IDLH: 200 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> synthetic
2,6-Di-tert-butyl-p-cresol 128-37-0	TWA: 2 mg/m <sup>3</sup> inhalable fraction and vapor	(vacated) TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Appropriate engineering controls**

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

<b>Eye/Face Protection</b>	Tightly fitting safety goggles.
<b>Skin and Body Protection</b>	Wear protective gloves/clothing.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

<b>Hygiene Measures</b>	Do not eat, drink or smoke when using this product. Provide regular cleaning of equipment, work area and clothing.
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**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Appearance</b>	Varies.
<b>Odor</b>	Varies with fragrance	<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ - Method</u></b>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	No data available	None known
<b>Flash Point</b>	51 - 51-55 °C / 123.8 - 123.8-131 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	80.8-138.1 Pa @ 20 °C	None known
<b>Vapor Density</b>	No data available	None known
<b>Relative Density</b>	0.863-0.919 g/cm3	None known
<b>Specific Gravity</b>	No data available.	None known
<b>Water Solubility</b>	Insoluble in water.	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known

<b>Flammable Properties</b>	Not flammable
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<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

**Other information**

<b>VOC Content (%)</b>	No data available
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**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong oxidizing agents, Strong acids, Strong bases,

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	None under normal use conditions
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	Irritating to skin. May cause sensitization by skin contact.
<b>Ingestion</b>	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl acetoacetate	= 3980 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
D-Limonene	5000 mg/kg ( Rat )	>5000 mg/kg ( Rabbit )	-
Dihydromyrcenol	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
n-Hexyl acetate	= 41500 µL/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Eucalyptol	= 2480 mg/kg ( Rat )	-	-
Citral	= 4950 mg/kg ( Rat )	= 2250 mg/kg ( Rabbit ) > 2000 mg/kg ( Rat )	-
3,7-dimethylnona-2,6-dienenitrile	= 2600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
3,7-dimethyloctan-3-ol	> 5 g/kg ( Rat )	5 g/kg ( Rabbit )	-
Linalool	2790 mg/kg ( Rat )	5610 mg/kg ( Rat )	-
Camphene	> 5000 mg/kg ( Rat )	> 2500 mg/kg ( Rabbit )	= 17100 mg/m <sup>3</sup> ( Rat ) 1 h
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	= 4600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	= 3810 mg/kg ( Rat )	> 5 g/kg ( Rat )	-
2(3H)-Furanone, dihydro-5-pentyl-	= 6600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
2(3H)-Furanone, 5-heptyldihydro-	= 18500 mg/kg ( Rat )	-	-
Geraniol	= 3600 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Heptanoic acid, ethyl ester	> 34640 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Decanal	= 3730 µL/kg ( Rat )	= 5040 µL/kg ( Rabbit )	-
Methyl salicylate	= 887 mg/kg ( Rat )	= 2500 mg/kg ( Rat ) > 5000 mg/kg ( Rabbit )	-
2-Buten-1-ol, 3-methyl-, acetate	= 2900 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Isocyclocitral	= 4500 mg/kg ( Rat )	-	-
Thymol	= 980 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Oils, thyme	= 2840 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
p-Cymene	= 3669 mg/kg ( Rat )	-	-
Isoeugenol	= 1560 mg/kg ( Rat )	-	-
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	= 3650 mg/kg ( Rat )	-	-
Pin-2(3)-ene	= 2100 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Carvone	= 1640 mg/kg ( Rat )	-	-
Trans-hex-2-enal	= 780 mg/kg ( Rat )	= 600 mg/kg ( Rabbit )	-
Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl-	= 4800 mg/kg ( Rat )	-	-
Ionone, .beta. (.beta.-ionone)	= 4590 mg/kg ( Rat )	-	-
Citronellol	= 3450 mg/kg ( Rat )	= 2650 mg/kg ( Rabbit )	-
6-Octenal, 3,7-dimethyl-	= 2420 mg/kg ( Rat )	> 2500 mg/kg ( Rabbit )	-
Benzeneacetaldehyde	= 1550 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Myrcene	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Terpinolene	= 4390 mg/kg ( Rat )	-	-
P-mentha 1,3-diene	= 1680 mg/kg ( Rat )	-	-
2,6-Di-tert-butyl-p-cresol	890 mg/kg ( Rat )	-	-

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

<b>Symptoms</b>	No information available.
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**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** May cause sensitization by skin contact.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
D-Limonene		Group 3	-	-
2,6-Di-tert-butyl-p-cresol		Group 3	-	-

**IARC: (International Agency for Research on Cancer)**

Group 3: Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** May be fatal if swallowed and enters airways

**Numerical measures of toxicity - Product**

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

**LD50 Oral** 928 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 210 mg/kg; Acute toxicity estimate  
**Inhalation**  
**dust/mist** 85.7 mg/L; Acute toxicity estimate

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethyl acetoacetate 141-97-9	EC50 72 h: > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 290 mg/L (Oncorhynchus mykiss) LC50 96 h: = 298 mg/L (Pimephales promelas) LC50 96 h: = 307 mg/L (Lepomis macrochirus)		EC50 48 h: = 646 mg/L (Daphnia magna) EC50 24 h: = 790 mg/L Static (Daphnia magna)
D-Limonene 5989-27-5		LC50 96 h: 0.619 - 0.796 mg/L flow-through (Pimephales promelas) LC50 96 h: = 35 mg/L (Oncorhynchus mykiss)		
n-Hexyl acetate 142-92-7		LC50 96 h: 3.7-4.4 mg/L flow-through (Pimephales promelas)		
Eucalyptol 470-82-6		LC50 96 h: 95.4-109 mg/L flow-through (Pimephales promelas)		
Linalool 78-70-6	EC50 96 h: = 88.3 mg/L (Desmodesmus subspicatus)	LC50 96 h: 22-46 mg/L static (Leuciscus idus)		EC50 48 h: = 20 mg/L (Daphnia magna)
Camphene 79-92-5	EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 0.72 mg/L flow-through (Brachydanio rerio) LC50 96 h: = 150 mg/L static (Brachydanio rerio)		EC50 48 h: = 22 mg/L (Daphnia magna)
Citral 5392-40-5	EC50 72 h: = 16 mg/L (Desmodesmus subspicatus) EC50 96 h: = 19 mg/L (Desmodesmus subspicatus)	LC50 96 h: 4.6-10 mg/L static (Leuciscus idus)	EC50 = 2100 mg/L 30 min	EC50 48 h: = 7 mg/L (Daphnia magna)
Ethyl hexanoate 123-66-0		LC50 96 h: 8.02-9.97 mg/L flow-through (Pimephales promelas)		
Decanal 112-31-2			EC50 = 2.90 mg/L 25 min EC50 = 3.59 mg/L 15 min EC50 = 4.71 mg/L 5 min	
Methyl salicylate 119-36-8			EC50 = 380 mg/L 16 h EC50 = 989 mg/L 1 h	EC50 24 h: = 50 mg/L (Daphnia magna)
Thymol 89-83-8		LC50 96 h: = 3.2 mg/L static (Pimephales promelas) LC50 96 h: = 5 mg/L static (Brachydanio rerio)		

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Linalool	3.1
Citral	2.76
Thymol	3.3
Pin-2(3)-ene	4.1
2,6-Di-tert-butyl-p-cresol	4.17

### Other Adverse Effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated Packaging</b>	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>US EPA Waste Number</b>	D001

Chemical Name	California Hazardous Waste
D-Limonene	Toxic

### 14. TRANSPORT INFORMATION

**Note:** This shipping size falls into limited quantity exemptions that do not require labeling or placarding except if transported by aircraft. Under U.S. DOT transportation regulations, this product can be re-classed as a Limited Quantity in accordance with 49 CFR 173.306(i). Under Transport Canada regulations, this product can be re-classed as a Limited Quantity in accordance with Section 1.17. Under IMDG regulations (Amdt 35-10), this product can be re-classed as a Limited Quantity in accordance with Chapter 3.4.

#### DOT

**UN-Number** UN1169  
**Proper shipping name** Extracts, aromatic, liquid  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1169, Extracts, aromatic, liquid, 3, III

#### TDG

**UN-Number** UN1169  
**Proper Shipping Name** Extracts, aromatic, liquid  
**Hazard Class** 3  
**Packing Group** III  
**Marine Pollutant** This mixture meets the IMDG criteria for being a marine pollutant.  
**Description** UN1169, Extracts, aromatic, liquid, 3, III, Marine Pollutant

#### MEX

**UN-Number** UN1169  
**Proper Shipping Name** Extracts, aromatic, liquid  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1169, Extracts, aromatic, liquid, 3, III, Marine Pollutant

#### ICAO

**UN-Number** UN1169  
**Proper shipping name** Extracts, aromatic, liquid  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1169, Extracts, aromatic, liquid, 3, III

#### IATA

**UN-Number** UN1169  
**Proper Shipping Name** Extracts, aromatic, liquid  
**Hazard Class** 3  
**Packing Group** III  
**ERG Code** 3L  
**Description** UN1169, Extracts, aromatic, liquid, 3, III

**IMDG/IMO**

<b>UN-Number</b>	UN1169
<b>Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS No.</b>	F-E, S-D
<b>Marine Pollutant</b>	This mixture meets the IMDG criteria for being a marine pollutant.
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, Marine Pollutant (55°C c.c.)

**RID**

<b>UN-Number</b>	UN1169
<b>Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III

**ADR**

<b>UN-Number</b>	UN1169
<b>Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, (D/E)
<b>ADR/RID-Labels</b>	3

**ADN**

<b>Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1
<b>Special Provisions</b>	601, 604E
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, Marine Pollutant
<b>Limited Quantity</b>	5 L
<b>Ventilation</b>	VE01
<b>Special Precautions</b>	This mixture meets the IMDG criteria for being a marine pollutant.

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS</b>	Not determined
<b>ENCS</b>	Not determined
<b>IECSC</b>	Complies
<b>KECL</b>	Not determined
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

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.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethyl acetoacetate		X	X		
D-Limonene	X			X	
Ethyl hexanoate	X	X	X		X
Pin-2(3)-ene	X	X	X		

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 2	Flammability 2	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 2*	Flammability 2	Physical Hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

**Prepared By** Product Stewardship  
23 British American Blvd.  
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**End of Safety Data Sheet**