

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 10/03/2019 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : TEXAS TARRAGON

Product code : #224138

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Candles and Supplies 2580 Milford Square Pike Quakertown PA 18951 215-538-8552 phone 215-538-8175 fax www.candlesandsupplies.net

1.4. Emergency telephone number

Emergency number : INFOTRAC (US & Canada) (800) 819-6118 | (International) 1-215-538-8552

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2

Skin sensitization, Category 1

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

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

Precautionary statements (GHS US) : 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.

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.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
BENZYL BENZOATE	(CAS-No.) 120-51-4	30 - 70	Acute Tox. 4 (Oral), H302
Linalool	(CAS-No.) 78-70-6	5 - 10	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
GERANIOL 950	(CAS-No.) 106-24-1	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
BENZYL ALCOHOL	(CAS-No.) 100-51-6	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319
TIMBERSILK	(CAS-No.) 54464-57-2	1 - 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317
PHENYL ETHYL ALCOHOL	(CAS-No.) 60-12-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319
FLOROL	(CAS-No.) 63500-71-0	1 - 5	Eye Irrit. 2, H319
CYCLAMEN ALDEHYDE	(CAS-No.) 103-95-7	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Skin Sens. 1B, H317
ANETHOLE 21/22	(CAS-No.) 4180-23-8	1 - 5	Skin Sens. 1B, H317
2-PHENOXY ETHANOL (ROSE ETHER)	(CAS-No.) 122-99-6	1 - 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
d-Limonene	(CAS-No.) 5989-27-5	0.5 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
HEXYL SALICYLATE	(CAS-No.) 6259-76-3	0.5 - 1	Skin Irrit. 2, H315 Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures 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.

First-aid measures after eye contact : 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:

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Get medical advice/attention.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

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

Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

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

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapors/spray.

6.1.2. 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".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

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

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

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

BENZYL ALCOHOL (100-51-6)

Not applicable

BENZYL BENZOATE (120-51-4)

Not applicable

GERANIOL 950 (106-24-1)

Not applicable

Linalool (78-70-6)

Not applicable

ANETHOLE 21/22 (4180-23-8)

Not applicable

d-Limonene (5989-27-5)

Not applicable

CYCLAMEN ALDEHYDE (103-95-7)

Not applicable

FLOROL (63500-71-0)

Not applicable

HEXYL SALICYLATE (6259-76-3)

Not applicable

2-PHENOXY ETHANOL (ROSE ETHER) (122-99-6)

Not applicable

PHENYL ETHYL ALCOHOL (60-12-8)

Not applicable

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TIMBERSILK (54464-57-2)

Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Mixture contains one or more component(s) which have the following colour(s):

Colourless to light yellow Colourless White Light yellow to colourless On exposure to air:

yellow-brown Colourless to light amber Light yellow

Odor : 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:

Pleasant odour Sweet odour Mild odour Fruity odour Floral odour Aromatic odour Lemon odour

Characteristic odour Almond odour Strong odour

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point : 99 °C

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not applicable. Vapor pressure No data available Relative vapor density at 20 °C : No data available : No data available Relative density Solubility : No data available Log Pow : No data available No data available Auto-ignition temperature : No data available Decomposition temperature Viscosity, kinematic : No data available No data available Viscosity, dynamic : No data available **Explosion limits** Explosive properties No data available : No data available Oxidizing properties

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

BENZYL ALCOHOL (100-51-6)		
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)	
LC50 inhalation rat (mg/l)	> 4.178 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value, Inhalation (aerosol))	
ATE US (oral)	1620 mg/kg body weight	
ATE US (dermal)	2500 mg/kg body weight	
ATE US (dust, mist)	1.5 mg/l/4h	
BENZYL BENZOATE (120-51-4)		
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)	
ATE US (oral)	1500 mg/kg body weight	
ATE US (dermal)	4000 mg/kg body weight	
GERANIOL 950 (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	
Linalool (78-70-6)		
LD50 oral rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experiment 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	
ANETHOLE 21/22 (4180-23-8)		
LD50 oral rat	2090 mg/kg (Rat, Oral)	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)	
ATE US (oral)	2090 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)	

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CYCLAMEN ALDEHYDE (103-95-7)	
ATE US (oral)	3810 mg/kg body weight
2-PHENOXY ETHANOL (ROSE ETHER) (122-99	·
ATE US (oral)	1840 mg/kg body weight
PHENYL ETHYL ALCOHOL (60-12-8)	
LD50 oral rat	> 1790 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 808 mg/kg (Rabbit, Dermal)
LC50 inhalation rat (mg/l)	> 1.4 mg/l (4 h, Rat, Inhalation)
ATE US (oral)	1610 mg/kg body weight
ATE US (dermal) ATE US (dust, mist)	300 mg/kg body weight
	1.5 mg/l/4h
TIMBERSILK (54464-57-2)	
LD50 oral rat	>= 5000 mg/kg
LD50 dermal rat	>= 5000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/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
	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
••	
	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
SECTION 12: Ecological information	
12.1. Toxicity	The product is not considered harmful to equation argenisms as to equal lang terms of the
Ecology - general	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
BENZYL ALCOHOL (100-51-6)	100 // (EDA ODD 70 4 00 B)
LC50 fish 1	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, GLP)
ErC50 (algae)	770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
BENZYL BENZOATE (120-51-4)	
LC50 fish 1	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

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GERANIOL 950 (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 Daphnia 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)
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 Daphnia 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)
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 Daphnia 1	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
DUENNY ETHYL ALCOHOL (00 40 0)	
PHENYL ETHYL ALCOHOL (60-12-8)	200 200 mm/ (00 h. Laurianus idus)
LC50 fish 1 EC50 Daphnia 1	220 - 260 mg/l (96 h, Leuciscus idus) 287.17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)
<u> </u>	287.17 mg/l (OECD 202. Daprinia sp. Acute immobilisation Test, 48 n, Daprinia magna)
TIMBERSILK (54464-57-2)	
LC50 fish 1	≈ 1.3 mg/l Bluegill Sunfish
EC50 Daphnia 1	≈ 1.38 mg/l Water Flea
ErC50 (algae)	≈ 2.6 mg/l Green Algae
2.2. Persistence and degradability	
BENZYL ALCOHOL (100-51-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.6 g O ₂ /g substance
Chemical oxygen demand (COD)	2.4 g O ₂ /g substance

BENZYL ALCOHOL (100-51-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.6 g O ₂ /g substance
Chemical oxygen demand (COD)	2.4 g O ₂ /g substance
ThOD	2.5 g O ₂ /g substance
BENZYL BENZOATE (120-51-4)	
Persistence and degradability	Readily biodegradable in water.
GERANIOL 950 (106-24-1)	
Persistence and degradability	Readily biodegradable in water.
Linalool (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
d-Limonene (5989-27-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O₂/g substance
CYCLAMEN ALDEHYDE (103-95-7)	
Persistence and degradability	Biodegradability in water: no data available.
FLOROL (63500-71-0)	
Persistence and degradability	Biodegradability in water: no data available.
PHENYL ETHYL ALCOHOL (60-12-8)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.45 g O ₂ /g substance
Chemical oxygen demand (COD)	2.5 g O ₂ /g substance
ThOD	2.6 g O ₂ /g substance
BOD (% of ThOD)	0.558

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12.3. Bioaccumulative potential

Log Pow	BENZYL ALCOHOL (100-51-6)	
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). 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). GERANIOL 950 (106-24-1) 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). 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). 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). CYCLAMEN ALDEHYDE (103-95-7) Log Kow 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	,	4.44/5 : 41.1.0000
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Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). 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). CYCLAMEN ALDEHYDE (103-95-7) Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Linalool (78-70-6)	
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). CYCLAMEN ALDEHYDE (103-95-7) Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Log Pow	2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
BCF fish 1 B64.8 - 1022 (Pisces, QSAR, Fresh weight) 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C) Bioaccumulative potential Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). CYCLAMEN ALDEHYDE (103-95-7) Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
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). CYCLAMEN ALDEHYDE (103-95-7) Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	d-Limonene (5989-27-5)	
37 °C) Bioaccumulative potential Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). CYCLAMEN ALDEHYDE (103-95-7) Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)
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Log Kow ≈ 3.91 Bioaccumulative potential No bioaccumulation data available. FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
Bioaccumulative potential FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	CYCLAMEN ALDEHYDE (103-95-7)	
FLOROL (63500-71-0) Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Log Kow	≈ 3.91
Bioaccumulative potential No bioaccumulation data available. PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	Bioaccumulative potential	No bioaccumulation data available.
PHENYL ETHYL ALCOHOL (60-12-8) Log Pow 1.38 (Experimental value)	FLOROL (63500-71-0)	
Log Pow 1.38 (Experimental value)	Bioaccumulative potential	No bioaccumulation data available.
Log Pow 1.38 (Experimental value)	PHENYL ETHYL ALCOHOL (60-12-8)	
	•	1.38 (Experimental value)
bloaccumulative potential Low potential for bloaccumulation (Log Now < 4).	Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

BENZYL ALCOHOL (100-51-6)		
Surface tension	39 mN/m (20 °C)	
Ecology - soil	No (test)data on mobility of the substance available.	
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.	
GERANIOL 950 (106-24-1)		
Log Koc	1.85 (log Koc, PCKOCWIN v1.66, Calculated value)	
Ecology - soil	Highly mobile 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.	
d-Limonene (5989-27-5)		
Ecology - soil	Adsorbs into the soil.	
FLOROL (63500-71-0)		
Ecology - soil	No (test)data on mobility of the substance available.	

12.5. Other adverse effects No additional information available

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SECTION 13: Disposal considerations

Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

DOT Symbols

Transport document description : UN3082 Environmentally hazardous substances, liquid, n.o.s. (BENZYL BENZOATE), 9, III

UN-No.(DOT) : UN3082

Proper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s.

Class (DOT) : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

Packing group (DOT) : III - Minor Danger

Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Special Provisions (49 CFR 172.102)

: G - Identifies PSN requiring a technical name

: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s." UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 - 2.65 178.274(d)(2) Normal...... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx)

(49 CFR 173.27)

DOT Quantity Limitations Passenger aircraft/rail : No limit

DOT Quantity Limitations Cargo aircraft only (49 : No limit

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

Emergency Response Guide (ERG) Number

Other information : No supplementary information available.

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Transportation of Dangerous Goods

Not applicable

Transport by sea

Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL

BENZOATE), 9, III

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. (BENZYL BENZOATE), 9, III

UN-No. (IATA) : 3082

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

Class (IATA) : 9 - Miscellaneous Dangerous Goods

Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. 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.

15.2. International regulations

CANADA

BENZYL ALCOHOL (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

BENZYL BENZOATE (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

GERANIOL 950 (106-24-1)

Listed on the Canadian DSL (Domestic Substances List)

Linalool (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

ANETHOLE 21/22 (4180-23-8)

Listed on the Canadian DSL (Domestic Substances List)

d-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

CYCLAMEN ALDEHYDE (103-95-7)

Listed on the Canadian DSL (Domestic Substances List)

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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)

2-PHENOXY ETHANOL (ROSE ETHER) (122-99-6)

Listed on the Canadian DSL (Domestic Substances List)

PHENYL ETHYL ALCOHOL (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

TIMBERSILK (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases:

H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic 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

SDS US

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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