

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	: PRICKLY GARDEN
Product code	: #224137
1.2. Recommended use and restriction	ins 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	on
2.1. Classification of the substance o	
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 p	recautionary 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. 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 resu	t in closeffection

Other hazards which do not result in classification 2.3.

No additional information available

Unknown acute toxicity (GHS US) 2.4.

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	10 - 30	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
ISO E SUPER	(CAS-No.) 54464-57-2	5 - 10	Skin Irrit. 2, H315 Skin Sens. 1B, H317
VIRIDINE [PHENYLACETALD.DIMETHYLACETAL]	(CAS-No.) 101-48-4	1 - 5	Flam. Liq. 4, H227 Eye Irrit. 2, H319
DIHYDRO MYRCENOL	(CAS-No.) 18479-58-8	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319
DAMASCONE DELTA(DIHYDRO FLORIFFONE)	(CAS-No.) 57378-68-4	< 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317
LINALYL ACETATE	(CAS-No.) 115-95-7	< 0.5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
d-Limonene	(CAS-No.) 5989-27-5	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
DAMASCENONE	(CAS-No.) 23696-85-7	< 0.5	Skin Irrit. 2, H315 Skin Sens. 1A, H317

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

SECTIO	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: 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)	
Symptom	s/effects after skin contact :	Irritation. May cause an allergic skin reaction.	
Symptom	s/effects after eye contact :	Eye irritation.	
4.3.	I.3. Immediate medical attention and special treatment, if necessary		
Treat syn	Treat symptomatically.		
SECTIO	SECTION 5: Fire-fighting measures		
5.1.	Suitable (and unsuitable) extinguishing	g media	
Suitable	extinguishing media :	Water spray. Dry powder. Foam. Carbon dioxide.	
5.2.	5.2. Specific hazards arising from the chemical		
No additi	onal information available		
5.3.	Special protective equipment and prec	autions 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 me	asures	
6.1. Personal precautions, protective equipment and emergency procedures		
5.1.1. 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 containr	nent 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, inclue	ding any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool.	
	nonal protoction	
SECTION 8: Exposure controls/per	sonal protection	
8.1. Control parameters		
BENZYL BENZOATE (120-51-4)		
Not applicable		
DAMASCENONE (23696-85-7)		
Not applicable		
DAMASCONE DELTA(DIHYDRO FLORIFF(Not applicable	UNE) (57378-68-4)	
DIHYDRO MYRCENOL (18479-58-8)		
Not applicable		
ISO E SUPER (54464-57-2)		
Not applicable		
d-Limonene (5989-27-5)		
Not applicable		
Linalool (78-70-6)		
Not applicable		
LINALYL ACETATE (115-95-7)		
Not applicable		
VIRIDINE [PHENYLACETALD.DIMETHYLACETAL] (101-48-4)		
Not applicable		
3.2. Appropriate engineering controls		

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

: Avoid release to the environment.

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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 Colourless to light yellow White On exposure to light: yellow White to off-white
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: Sweet odour Floral odour Strong odour Characteristic odour Fruity odour Mild odour Pleasant odour Aromatic odour Almost odourless Phenol odour Lemon 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	:	> 100 °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
Relative density	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic		No data available
Viscosity, dynamic	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
9.2. Other information		

No additional information available

SECTIC	ON 10: Stability and reactivity
10.1.	Reactivity
The produ	act is non-reactive under normal conditions of use, storage and transport.
10.2.	Chemical stability
Stable un	der normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid	
None under recommended storage and ha	ndling conditions (see section 7).
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition pro	ducts
Jnder normal conditions of storage and us	e, hazardous decomposition products should not be produced.
SECTION 11: Toxicological info	rmation
11.1. Information on toxicological et	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
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
DAMASCENONE (23696-85-7)	
ATE US (dermal)	2900 mg/kg body weight
DAMASCONE DELTA(DIHYDRO FLOR	IFFONE) (57378-68-4)
ATE US (oral)	1400 mg/kg body weight
DIHYDRO MYRCENOL (18479-58-8)	
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
VIRIDINE [PHENYLACETALD.DIMETH	YLACETAL] (101-48-4)
ATE US (oral)	2500 mg/kg body weight
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

: Not classified

d-Limonene (5989-27-5)		
IARC group	3 - Not classifiable	
-		
Reproductive toxicity :	Not classified	
STOT-single exposure :	Not classified	
STOT-repeated exposure :	Not classified	

Carcinogenicity

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Viscosity, kinematic : No da	lassified ata available
Symptoms/effects after skin contact : Irritati Symptoms/effects after eve contact : Eve ir	ion. May cause an allergic skin reaction.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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)
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)
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)
LINALYL ACETATE (115-95-7)	
LC50 fish 1	11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)
EC50 Daphnia 1	15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

12.2. Persistence and degradability

BENZYL BENZOATE (120-51-4)		
Persistence and degradability	Readily biodegradable in water.	
DIHYDRO MYRCENOL (18479-58-8)		
Persistence and degradability	Biodegradability in water: no data available.	
d-Limonene (5989-27-5)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O ₂ /g substance	
Linalool (78-70-6)		
Persistence and degradability	Readily biodegradable in water.	
LINALYL ACETATE (115-95-7)		
Persistence and degradability	Readily biodegradable in water.	

12.3. Bioaccumulative potential

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).
DIHYDRO MYRCENOL (18479-58-8)	
Log Pow	3.47 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

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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 ($4 \ge Log$ Kow ≤ 5).	
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).	
LINALYL ACETATE (115-95-7)		
Log Pow	3.93 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	

12.4. 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.	
DIHYDRO MYRCENOL (18479-58	-8)	
Ecology - soil	No (test)data on mobility of the substance available.	
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.	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations			
13.1. Disposal methods			
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		
SECTION 14: Transport information	on		
Department of Transportation (DOT)			
In accordance with DOT			
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)



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DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Symbols	: G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102)	 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
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: No limit
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	: 171
Other information	: No supplementary information available.
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) Limited quantities (IMDG)	: III - substances presenting low danger : 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) Packing group (IATA)	: 9 - Miscellaneous Dangerous Goods : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

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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.

15.2. International regulations

CANADA

EU-Regulations

No additional information available

National regulations

No additional information available

SECTION 16: Other information

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

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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.