

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



GLADE® LIMITED TIME OFFER PLUG-INS® SCENTED OIL - BERGAMOT EUCALYPTUS 2 REFILLS

Version 1.0

Print Date 10/23/2025

Revision Date 10/28/2024

SDS Number 350000046341

GEN_SOF Number 82020

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : GLADE® LIMITED TIME OFFER PLUG-INS® SCENTED OIL - BERGAMOT EUCALYPTUS 2 REFILLS

Recommended use : Air Freshener

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1 8005585252
Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Flammable liquids	Category 4	Combustible liquid.
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2A	Causes serious eye irritation.
Skin sensitisation	Category 1	May cause an allergic skin reaction.
Reproductive toxicity	Category 2	Suspected of damaging fertility or the unborn child.
Aspiration hazard	Category 1	May be fatal if swallowed and enters airways.

Labelling

Hazard symbols

Exclamation mark

Health hazard

Signal word

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Danger

Hazard statements

Combustible liquid.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May be fatal if swallowed and enters airways.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
In case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand to extinguish.
IF exposed or concerned: Get medical advice/ attention.
Specific treatment (see supplemental first aid instructions on this label).
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/ attention.
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 SWALLOWED: Immediately call a POISON CENTER/doctor.
Do NOT induce vomiting.
Take off contaminated clothing and wash before reuse.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/ container to an approved incineration plant.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves.
Use personal protective equipment as required.
Avoid breathing spray.
Wash hands thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Other hazards : None identified

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
d-Limonene	5989-27-5	1.00 - 5.00
EUCALYPTUS OIL	8000-48-4	1.00 - 5.00
Linalool	78-70-6	1.00 - 5.00
Lemon oil	8008-56-8	1.00 - 5.00
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	1.00 - 5.00
LAVADIN	93455-96-0	1.00 - 5.00
OILS, MANDARIN	8008-31-9	1.00 - 5.00
3,7-dimethylnona-1,6-dien-3-ol	10339-55-6	1.00 - 5.00
Tetrahydromyrcenol	18479-57-7	1.00 - 5.00
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	84082-70-2	1.00 - 5.00
Linalyl acetate	115-95-7	1.00 - 5.00
Cyclamen Aldehyde	103-95-7	0.10 - 1.00
ALPHA-METHYL-1,3- BENZODIOXOLE-5- PROPIONALDEHYDE	1205-17-0	0.10 - 1.00
Mentha Viridis (Spearmint) Oil	8008-79-5	0.10 - 1.00
Salvia Officinalis Extract	84082-79-1	0.10 - 1.00
Alpha-isomethyl ionone	127-51-5	0.10 - 1.00
3-(P-METHOXYPHENYL)-2- METHYLPROPIONALDEHYDE	5462-06-6	0.10 - 1.00
Geraniol	106-24-1	0.10 - 1.00
3-METHYL-4(2,6,6-TRIMETHYL- 2CYCLOHEXEN-1-YL)3-BUTEN-2- ONE	32388-55-9	0.10 - 1.00
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	0.10 - 1.00
PATCHOULI OIL	8014-09-3	0.10 - 1.00

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BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER	4707-47-5	0.10 - 1.00
(+)-beta-Citronellol	106-22-9	0.10 - 1.00
5-HEPTENAL, 2,6-DIMETHYL-	106-72-9	0.10 - 1.00
p-Cymene	99-87-6	0.10 - 1.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

- Eye contact** : 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 contact** : Wash off with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/ attention.
- Inhalation** : No special requirements.
- Ingestion** : IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Do not use a solid water stream as it may scatter and spread fire. Container may melt and leak in heat of fire.
- Further information** : Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids,

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consider containment to prevent the spread of fire. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

- | | |
|--|---|
| Personal precautions | : Remove all sources of ignition.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Wear personal protective equipment.
Wash thoroughly after handling.
Obtain special instructions before use.
Wear protective gloves/ eye protection/ face protection.
Avoid contact during pregnancy/ while nursing. |
| Environmental precautions | : Outside of normal use, avoid release to the environment. |
| Methods and materials for containment and cleaning up | : Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site. |

7. HANDLING AND STORAGE

- | | |
|--|--|
| Handling | |
| Advice on protection against fire and explosion | : Keep away from sources of ignition - No smoking. |
| Storage | |
| Requirements for storage areas and containers | : Keep container closed when not in use.
Store in a well-ventilated place. Keep cool.
Store locked up. |
| Other data | : No decomposition if stored and applied as directed. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

- | | | |
|---------------------------------|---|--|
| Respiratory protection | : | Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection. |
| Hand protection | : | Wear suitable gloves. |
| Eye protection | : | Safety glasses with side-shields |
| Skin and body protection | : | No special requirements. |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | |
|------------------------|---|---|
| Form | : | liquid |
| Color | : | colourless |
| Color | : | to |
| Color | : | light yellow |
| Odor | : | Woody |
| Odour Threshold | : | Test not applicable for this product type |
| pH | : | Mixture is not soluble in water |

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Melting point/freezing point	: <-20°C
Initial boiling point and boiling range	: 70 - 140 °C
Flash point	: 76 °C 168.8 °F Method: ASTM D 93
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Sustains combustion
Upper/lower flammability or explosive limits	: Not determined as it does not affect the liquid flammability classification. Flash point is used for classification of flammable liquids.
Vapour pressure	: 0.32 hPa
Vapour density	: > 1
Relative density	: 0.9518 g/cm ³ at 25 °C estimated
Solubility(ies)	: immiscible
Partition coefficient: n-octanol/water	: Not required as the product is a mixture.
Auto-ignition temperature	: not auto-flammable

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Decomposition temperature	: Not measured as mixture is not self-reactive
Viscosity, dynamic	: < 5 cps at 20 °C
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	: 86.3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	: None identified :

10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.

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11. TOXICOLOGICAL INFORMATION

Emergency Overview : Danger

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 10 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	Category 2	-
Eye irritation	Category 2A	-
Skin sensitisation	Category 1	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	Category 2	-
Specific target organ	No classification proposed	-

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toxicity - single exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	Category 1	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
d-Limonene	semi-static test LC50 OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h
	semi-static test NOEC	Pimephales promelas (fathead minnow)	0.059 mg/l	8 d
EUCALYPTUS OIL	LL50 Read-across (Analogy) semi-static test	Oncorhynchus mykiss (rainbow trout) Oncorhynchus mykiss (rainbow trout)	18 mg/l 4.2 mg/l	96 h 96 h

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	LL50 Read- across (Analogy) OECD Test Guideline 203			
Linalool	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	27.8 mg/l	96 h
Lemon oil	semi- static test LC50 Read- across (Analogy) OECD Test Guideline 203	Danio rerio (zebra fish)	5.65 mg/l	96 h
Tetramethyl Acetyloctahydronaphthalenes	static test LC50 OECD Test Guideline 203	Lepomis macrochirus (Bluegill sunfish)	1.3 mg/l	96 h
	flow- through test NOEC	Danio rerio (zebra fish)	0.16 mg/l	30 d

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LAVADIN	No data available			
OILS, MANDARIN	semi-static test LL50 estimated OECD Test Guideline 203	Oncorhynchus mykiss (rainbow trout)	> 100 mg/l	96 h
3,7-dimethylnona-1,6-dien-3-ol	flow-through test LC50 Measured OECD Test Guideline 203	Pimephales promelas (fathead minnow)	18 mg/l	96 h
Tetrahydromyrcenol				
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	No data available			
Linalyl acetate	flow-through test LC50 Measured	Cyprinus carpio (Carp)	11 mg/l	96 h
Cyclamen Aldehyde	LC50 QSAR	Fish	1.092 mg/l	96 h

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ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	semi-static test LC50 Measured OECD Test Guideline 203	Oncorhynchus mykiss (rainbow trout)	5.3 mg/l	96 h
Mentha Viridis (Spearmint) Oil	No data available			
Salvia Officinalis Extract	No data available			
Alpha-isomethyl ionone	static test LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	1.3 mg/l	96 h
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	semi-static test LC50 Measured OECD Test Guideline 203	Oncorhynchus mykiss (rainbow trout)	5.2 mg/l	96 h
Geraniol	static test LC50	Danio rerio (zebra fish)	22 mg/l	96 h

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	OECD Test Guideline 203			
3-METHYL-4(2,6,6-TRIMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN-2-ONE	static test LC50	Pimephales promelas (fathead minnow)	2.3 mg/l	96 h
	semi- static test NOEC Measured	Pimephales promelas (fathead minnow)	0.097 mg/l	7 d
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	LC50	Oncorhynchus mykiss (rainbow trout)	7.5 mg/l	96 h
PATCHOULI OIL				
BENZOIC ACID, 2,4- DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER	QSAR LC50 QSAR	Fish	5.2 mg/l	96 h
(+)-beta-Citronellol	static test LC50	Leuciscus idus (Golden orfe)	14.66 mg/l	96 h
5-HEPTENAL, 2,6-DIMETHYL-	QSAR LC50 QSAR	Fish	2.288 mg/l	96 h
p-Cymene	LC50	Cyprinodon variegatus (sheepshead minnow)	48 mg/l	96 h

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Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
d-Limonene	static test EC50	Daphnia magna (Water flea)	0.36 mg/l	48 h
	semi-static test NOEC Measured	Daphnia magna	0.08 mg/l	21 d
EUCALYPTUS OIL	EC50 (calculated)		1.02 mg/l	48 h
Linalool	EC50	Daphnia magna (Water flea)	20 mg/l	48 h
Lemon oil	static test EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	7.2 mg/l	48 h
Tetramethyl Acetyloctahydronaphthalenes	static test EC50 Measured	Daphnia magna (Water flea)	1.38 mg/l	48 h

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	OECD Test Guideline 202 flow- through test NOEC	Daphnia magna	0.028 mg/l	21 d
LAVADIN	No data available			
OILS, MANDARIN				
3,7-dimethylnona-1,6-dien-3-ol	Flow through EC50 Measured OECD Test Guideline 202	Daphnia magna (Water flea)	30 mg/l	48 h
Tetrahydromyrcenol				
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	No data available			
Linalyl acetate	static test EC50	Daphnia magna (Water flea)	15 mg/l	48 h

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Cyclamen Aldehyde	semi-static test EC50	Daphnia magna (Water flea)	1.4 mg/l	48 h
ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	static test EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	8.3 mg/l	48 h
Mentha Viridis (Spearmint) Oil	EC50	Daphnia magna (Water flea)	53.8 mg/l	48 h
Salvia Officinalis Extract	No data available			
Alpha-isomethyl ionone	semi-static EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	1.9 mg/l	48 h
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	static test EC50 estimated OECD Test	Daphnia magna (Water flea)	12 mg/l	48 h

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	Guideline 202			
Geraniol				
3-METHYL-4(2,6,6-TRIMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN-2-ONE	static test EC50	Daphnia magna (Water flea)	0.86 mg/l	48 h
	NOEC	Daphnia magna	0.087 mg/l	21 d
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	EC50	Daphnia magna (Water flea)	22.4 mg/l	48 h
PATCHOULI OIL				
BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER				
(+)-beta-Citronellol	static test EC50	Daphnia magna (Water flea)	17.48 mg/l	48 h
5-HEPTENAL, 2,6-DIMETHYL-	semi-static test EC50 Measured OECD	Daphnia magna (Water flea)	2.4 mg/l	48 h

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	Test Guideline 202			
p-Cymene	LC50	Daphnia magna (Water flea)	6.5 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
d-Limonene	static test NOEC OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h
EUCALYPTUS OIL	EC50 (calculated)		1.64 mg/l	
Linalool	static test EC50	Desmodesmus subspicatus (green algae)	156.7 mg/l	96 h
Lemon oil	Static EC50 OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	8 mg/l	72 h
Tetramethyl Acetyloctahydronaphthalenes	NOEC OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	2.6 mg/l	72 h

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LAVADIN	No data available			
OILS, MANDARIN				
3,7-dimethylnona-1,6-dien-3-ol	Static EC50 OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	16 mg/l	72 h
Tetrahydromyrcenol				
Peppermint, extractives and their physically modified derivatives obtained from <i>Mentha piperita</i> , Labiatae	No data available			
Linalyl acetate	static test EC50	Desmodesmus subspicatus (green algae)	62 mg/l	72 h
Cyclamen Aldehyde	static test EC50	Pseudokirchneriella subcapitata (green algae)	4.3 mg/l	72 h
ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	static test EC50 estimated OECD Test Guideline 201	Raphidocelis subcapitata (freshwater green alga)	28 mg/l	72 h
Mentha Viridis (Spearment) Oil	No data available			
Salvia Officinalis Extract	No data available			
Alpha-isomethyl ionone	EC50 Measured OECD Test Guideline 201	Scenedesmus capricornutum (fresh water algae)	4.4 mg/l	72 h
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	static test EC50 Measured	Pseudokirchneriella subcapitata (green algae)	21 mg/l	72 h

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	OECD Test Guideline 201			
Geraniol	static test EC50 Nominal OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	13.9 mg/l	72 h
3-METHYL-4(2,6,6- TRIMETHYL-2CYCLOHEXEN- 1-YL)3-BUTEN-2-ONE	static test EC50	Pseudokirchneriella subcapitata (green algae)	> 4.3 mg/l	96 h
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	EC50	Desmodesmus subspicatus (green algae)	31 mg/l	72 h
PATCHOULI OIL				
BENZOIC ACID, 2,4- DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER				
(+)-beta-Citronellol	static test EC50	Desmodesmus subspicatus (green algae)	2.4 mg/l	72 h
5-HEPTENAL, 2,6-DIMETHYL-	QSAR EC50 QSAR	green algae	4.3 mg/l	96 h
p-Cymene	static test ErC50 OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	4.03 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
d-Limonene	80 %	28 d	Readily biodegradable.

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EUCALYPTUS OIL	No data available		Readily biodegradable.
Linalool	64.2 %	28 d	Readily biodegradable.
Lemon oil	11 %	28 d	Not readily biodegradable.
Tetramethyl Acetyloctahydronaphthalenes	0 %	28 d	Not readily biodegradable.
LAVADIN	No data available		
OILS, MANDARIN	No data available		
3,7-dimethylnona-1,6-dien-3-ol	91 %	28 d	Readily biodegradable.
Tetrahydromyrcenol	No data available		
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	No data available		
Linalyl acetate	70 - 80 %	28 d	Readily biodegradable.
Cyclamen Aldehyde	65.5 %	28 d	Readily biodegradable.
ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	19 %	28 d	Not readily biodegradable.
Mentha Viridis (Spearmint) Oil	No data available		
Salvia Officinalis Extract	No data available		
Alpha-isomethyl ionone	77 %	28 d	Not readily biodegradable.
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	No data available		
Geraniol	82 %	28 d	Readily biodegradable.
3-METHYL-4(2,6,6-TRIMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN-2-ONE	36 %	28 d	Not readily biodegradable.
2,4-Dimethyl-3-Cyclohexene	3 %	28 d	Not readily

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Carboxaldehyde			biodegradable.
PATCHOULI OIL	No data available		
BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER	No data available		
(+)-beta-Citronellol	80 - 90 %	28 d	Readily biodegradable.
5-HEPTENAL, 2,6-DIMETHYL-	No data available		
p-Cymene	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
d-Limonene	1,022 QSAR	4.38
EUCALYPTUS OIL	852.9	4.42
Linalool	42	2.84 Measured
Lemon oil		3.33 - 6.3 QSAR
Tetramethyl Acetyloctahydronaphthalenes	850 Measured	5.18 - 6.86
LAVADIN	No data available	No data available
OILS, MANDARIN	No data available	No data available
3,7-dimethylnona-1,6-dien-3-ol		3.3
Tetrahydromyrcenol		
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	No data available	No data available
Linalyl acetate	173.9	3.9
Cyclamen Aldehyde	155 QSAR	4.0
ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	No data available	2.4 Calculated
Mentha Viridis (Spearmint) Oil	No data available	No data available
Salvia Officinalis Extract	No data available	No data available

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Alpha-isomethyl ionone	726.4 Calculated	4.84 QSAR
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	18	2.5
Geraniol	No data available	2.6
3-METHYL-4(2,6,6-TRIMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN-2-ONE	867	5.6 - 5.9
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	No data available	No data available
PATCHOULI OIL	No data available	No data available
BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER		2.6
(+)-beta-Citronellol	82.59 QSAR	3.41 Measured
5-HEPTENAL, 2,6-DIMETHYL-	47	3.4
p-Cymene		4.1

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Mobility

Component	End point	Value
d-Limonene	Koc	6324 -
EUCALYPTUS OIL		-
Linalool	Koc	75 Measured -
Lemon oil		-
Tetramethyl Acetyloctahydronaphthalenes	Koc	5540
LAVADIN	No data available	
OILS, MANDARIN	No data available	
3,7-dimethylnona-1,6-dien-3-ol		-
Tetrahydromyrcenol		--
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	No data available	
Linalyl acetate	Koc	432.4 -
Cyclamen Aldehyde	log Koc	3.05 -
ALPHA-METHYL-1,3- BENZODIOXOLE-5- PROPIONALDEHYDE	Koc	71 -
Mentha Viridis (Spearment) Oil	No data available	
Salvia Officinalis Extract	No data available	
Alpha-isomethyl ionone	log Koc	3.486 Measured -
3-(P-METHOXYPHENYL)-2- METHYLPROPIONALDEHYD E	Koc	-164
Geraniol	Koc	70.79
3-METHYL-4(2,6,6- TRIMETHYL-2CYCLOHEXEN- 1-YL)3-BUTEN-2-ONE	log Koc	3.5 - 5.1 -

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2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	No data available	
PATCHOULI OIL		-
BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER		-
(+)-beta-Citronellol	Koc	70.79
5-HEPTENAL, 2,6-DIMETHYL-	Koc	159
p-Cymene		-

PBT and vPvB assessment

Component	Results
d-Limonene	Not fulfilling PBT and vPvB criteria
EUCALYPTUS OIL	Not fulfilling PBT and vPvB criteria
Linalool	Not fulfilling PBT and vPvB criteria
Lemon oil	Not fulfilling PBT and vPvB criteria
Tetramethyl Acetyloctahydronaphthalenes	Not fulfilling PBT and vPvB criteria
LAVADIN	Not fulfilling PBT and vPvB criteria
OILS, MANDARIN	Not fulfilling PBT and vPvB criteria
3,7-dimethylnona-1,6-dien-3-ol	Not fulfilling PBT and vPvB criteria
Tetrahydromyrcenol	Not fulfilling PBT and vPvB criteria
Peppermint, extractives and their physically modified derivatives obtained from Mentha piperita, Labiatae	Not fulfilling PBT and vPvB criteria
Linalyl acetate	Not fulfilling PBT and vPvB criteria
Cyclamen Aldehyde	Not fulfilling PBT and vPvB criteria

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ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE	Not fulfilling PBT and vPvB criteria
Mentha Viridis (Spearmint) Oil	Not fulfilling PBT and vPvB criteria
Salvia Officinalis Extract	Not fulfilling PBT and vPvB criteria
Alpha-isomethyl ionone	Not fulfilling PBT and vPvB criteria
3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE	Not fulfilling PBT and vPvB criteria
Geraniol	Not fulfilling PBT and vPvB criteria
3-METHYL-4(2,6,6-TRIMETHYL-2CYCLOHEXEN-1-YL)3-BUTEN-2-ONE	Not fulfilling PBT and vPvB criteria
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	Not fulfilling PBT and vPvB criteria
PATCHOULI OIL	Not fulfilling PBT and vPvB criteria
BENZOIC ACID, 2,4-DIHYDROXY-3,6-DIMETHYL-, METHYL ESTER	Not fulfilling PBT and vPvB criteria
(+)-beta-Citronellol	Not fulfilling PBT and vPvB criteria
5-HEPTENAL, 2,6-DIMETHYL-	Not fulfilling PBT and vPvB criteria
p-Cymene	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

	Land transport	Sea transport	Air transport
UN number or identification number	3082	3082	3082
UN proper shipping name	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (d-LIMONENE), 9,III
Transport hazard class(es)	9	9	9
Packing group	III	III	III
Environmental hazards	-	Marine pollutant	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.

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16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	1
Reactivity	0

NFPA Ratings

Health	2
Fire	1
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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