

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



GLADE® PLUGINS®SCENTED OIL VELVETY BERRY BLISS

Version 1.0

Print Date 07/18/2022

Revision Date 09/09/2021

SDS Number 350000041086

GEN_SOF Number 73272

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : GLADE® PLUGINS®SCENTED OIL VELVETY BERRY BLISS

Recommended use : Air Freshener

Restrictions on use : Use only as directed on label

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

Telephone : +1-800-558-5252

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.
Serious eye damage/eye irritation	Category 2B	Causes eye irritation.

Labelling

Signal word

Warning

Hazard statements

Combustible liquid.
Causes eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

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Read label before use.
In case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand to extinguish.
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.
Store in a well-ventilated place. Keep cool.
Dispose of contents/ container to an approved incineration plant.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wear protective gloves.
Wash hands thoroughly after handling.
Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Dipropylene glycol methyl ether	34590-94-8	5.00 - 10.00
Linalool	78-70-6	1.00 - 5.00
Benzyl Acetate	140-11-4	1.00 - 5.00
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	33704-61-9	1.00 - 5.00
d-Limonene	5989-27-5	1.00 - 5.00

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

Description of 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 : No special requirements

Inhalation : No special requirements.

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Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : May irritate eyes.

Skin effect : No adverse effects expected when used as directed.
May cause skin irritation.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.
No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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. 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, 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.

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Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Wear personal protective equipment. Wash thoroughly after handling.

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

Precautions for safe handling

: Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Wash thoroughly after 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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Dipropylene glycol methyl ether	34590-94-8	600 mg/m3	100 ppm	-	OSHA TWA
Dipropylene glycol methyl ether	34590-94-8	-	150 ppm	-	ACGIH STEL
Dipropylene glycol methyl ether	34590-94-8	-	100 ppm	-	ACGIH TWA
Benzyl Acetate	140-11-4	-	10 ppm	-	ACGIH TWA

Personal protective equipment**Respiratory protection** : No special requirements.**Hand protection** : No special requirements.**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 to light yellow**Odour** : Fruity**Odour Threshold** : Test not applicable for this product type

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pH : Test not applicable for this product type

Melting point/freezing point : Test not applicable for this product type

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : 80 °C
176 °F
Method: ASTM D 93
does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Sustains combustion

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : 0.2266 hPa
at 20 °C

Vapour density : Test not applicable for this product type

Relative density : 0.9677 - 0.9777 g/cm³ at 25 °C

Solubility(ies) : Test not applicable for this product type

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : not auto-flammable

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Decomposition temperature	: Test not applicable for this product type	
Viscosity, dynamic	: Test not applicable for this product type	
Viscosity, kinematic	: Test not applicable for this product type	
Oxidizing properties	: Test not applicable for this product type	
Volatile Organic Compounds	: 89.3 % - additional exemptions may apply	
Total VOC (wt. %)*	*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
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Not applicable

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Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

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 corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	Category 2B	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ	No classification proposed	-

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toxicity - repeated exposure		
Aspiration hazard	No classification proposed	-

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
Dipropylene glycol methyl ether	static test LC50	Poecilia reticulata (guppy)	> 1,000 mg/l	96 h
Linalool	static test LC50	Oncorhynchus mykiss (rainbow trout)	27.8 mg/l	96 h
Benzyl Acetate	flow-through test LC50	Oryzias latipes	4 mg/l	96 h
	flow-through test NOEC	Oryzias latipes	0.92 mg/l	28 d
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	semi-static test LC50	Oryzias latipes	2.12 mg/l	96 h

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d-Limonene	semi-static test LC50 OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Dipropylene glycol methyl ether	static test LC50	Daphnia magna (Water flea)	1,919 mg/l	48 h
Linalool	EC50	Daphnia magna (Water flea)	20 mg/l	48 h
Benzyl Acetate	semi-static test EC50	Daphnia magna (Water flea)	17 mg/l	48 h
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	static test EC50	Daphnia magna (Water flea)	1.5 mg/l	48 h
d-Limonene	static test EC50	Daphnia magna (Water flea)	0.36 mg/l	48 h
	NOEC	Daphnia magna	0.115 mg/l	16 d

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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Dipropylene glycol methyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	969 mg/l	72 h
Linalool	static test EC50	Desmodesmus subspicatus (green algae)	156.7 mg/l	96 h
Benzyl Acetate	static test EC50	Desmodesmus subspicatus (green algae)	110 mg/l	72 h
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	static test EC50	Desmodesmus subspicatus (green algae)	10 mg/l	72 h
d-Limonene	static test NOEC OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Dipropylene glycol methyl ether	96 %	28 d	Readily biodegradable.
Linalool	64.2 %	28 d	Readily biodegradable.
Benzyl Acetate	100 %	28 d	Readily biodegradable.
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	0 %	28 d	Not readily biodegradable.
d-Limonene	80 %	28 d	Readily biodegradable.

Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Dipropylene glycol methyl ether	< 100 Calculated	0.004
Linalool	No data available	2.84 Measured
Benzyl Acetate	8 Calculated	1.96
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	157	4.2
d-Limonene	1,022 QSAR	4.38

Mobility

Component	End point	Value
Dipropylene glycol methyl ether	No data available	
Linalool	Koc	75 Measured
Benzyl Acetate	Koc	250 estimated
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	log Koc	2.301
d-Limonene	Koc	6324

PBT and vPvB assessment

Component	Results
Dipropylene glycol methyl ether	Not fulfilling PBT and vPvB criteria
Linalool	Not fulfilling PBT and vPvB criteria
Benzyl Acetate	Not fulfilling PBT and vPvB criteria
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	Not fulfilling PBT and vPvB criteria
d-Limonene	Not fulfilling PBT and vPvB criteria

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Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

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.

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	1
Flammability	1
Reactivity	0

NFPA Ratings

Health	1
Fire	0
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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