

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



GLADE® PLUG-IN® SCENTED OIL - SKY AND SEA SALT™ SCENT

Version 2.0

Print Date 10/23/2025

Revision Date 02/06/2025

SDS Number 350000038038

GEN_SOF Number 68264

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : GLADE® PLUG-IN® SCENTED OIL - SKY AND SEA SALT™ SCENT

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
Eye irritation	Category 2B	Causes eye irritation.

Labelling

Signal word

Warning

Hazard statements

Causes eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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.

Wash hands thoroughly after handling.

Other hazards : None identified

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
2,6-dimethyloct-7-en-2-ol	18479-58-8	5.00 - 10.00
Phenethyl Alcohol	60-12-8	1.00 - 5.00
7-Octen-2-ol, 2,6-dimethyl-, 2-formate	25279-09-8	1.00 - 5.00
Isobornyl acetate	125-12-2	1.00 - 5.00
Ethyl-2,2-dimethylhydrocinnamal	67634-15-5	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

- 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** : No special requirements

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire.

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Further information : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : 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 : 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. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapours, mist or gas. Wash thoroughly after handling.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Phenethyl Alcohol	60-12-8	-	0.5 ppm	-	ACGIH TWA

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** : light yellow to yellow
- Odor** : Marine/Ozone
- Odour Threshold** : Test not applicable for this product type
- pH** : Mixture is non-polar

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Melting point/freezing point	: <-20°C
Initial boiling point and boiling range	: 70 - 140 °C
Flash point	: 93.3 °C 199.94 °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	: 4,601 mmHg
Vapour density	: > 1
Relative density	: 0.9820 g/cm3 at 25 °C
Solubility(ies)	: immiscible
Partition coefficient: n-octanol/water	: Not required as the product is a mixture.
Auto-ignition temperature	: not auto-flammable
Decomposition temperature	: Not measured as mixture is not self-reactive

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Viscosity, dynamic	: Test not applicable for this product type	
Viscosity, kinematic	: similar to water	
Oxidizing properties	: Not required	
Volatile Organic Compounds Total VOC (wt. %)*	: 82.1 % - 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	: Direct sources of heat.
Incompatible materials	: None known.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.

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11. TOXICOLOGICAL INFORMATION

Emergency Overview : Warning

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	No classification proposed	-
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
2,6-dimethyloct-7-en-2-ol	static test LC50 Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	27.8 mg/l	96 h
Phenethyl Alcohol	static test LC50	Leuciscus idus (Golden orfe)	> 215 - < 464 mg/l	96 h
7-Octen-2-ol, 2,6-dimethyl-, 2-formate	No data available			
Isobornyl acetate	LC50	Pimephales promelas (fathead minnow)	9.9 mg/l	96 h
Ethyl-2,2-dimethylhydrocinnamal	static test LC50	Danio rerio (zebra fish)	9 mg/l	96 h

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	Read-across (Analogy) OECD Test Guideline 203			
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Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
2,6-dimethyloct-7-en-2-ol	static test EC50	Daphnia magna (Water flea)	38 mg/l	48 h
	NOEC Read-across (Analogy)	Daphnia magna	9.5 mg/l	21 d
Phenethyl Alcohol	static test EC50	Daphnia magna (Water flea)	287.17 mg/l	48 h
7-Octen-2-ol, 2,6-dimethyl-, 2-formate				
Isobornyl acetate	EC50	Daphnia magna (Water flea)	10.5 mg/l	48 h
Ethyl-2,2-	semi-	Daphnia magna (Water	1.8 mg/l	48 h

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dimethylhydrocinnamal	static test EC50 Read-across (Analogy) OECD Test Guideline 202	flea)		
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
2,6-dimethyloct-7-en-2-ol	static test EC50	Desmodesmus subspicatus (green algae)	80 mg/l	72 h
Phenethyl Alcohol	static test EC10	Desmodesmus subspicatus (green algae)	1,300 mg/l	72 h
7-Octen-2-ol, 2,6-dimethyl-, 2-formate				
Isobornyl acetate	Static EC50 OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	24 mg/l	72 h
Ethyl-2,2-dimethylhydrocinnamal	NOEC Measured OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	1.2 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
2,6-dimethyloct-7-en-2-ol	72 %	28 d	Readily biodegradable.

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Phenethyl Alcohol	100 %	28 d	Readily biodegradable.
7-Octen-2-ol, 2,6-dimethyl-, 2-formate	No data available		
Isobornyl acetate	75 %	28 d	Readily biodegradable.
Ethyl-2,2-dimethylhydrocinnamal	0 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
2,6-dimethyloct-7-en-2-ol	64.8 QSAR	3
Phenethyl Alcohol	No data available	0.8 - 1.38
7-Octen-2-ol, 2,6-dimethyl-, 2-formate		
Isobornyl acetate		4.3 Measured
Ethyl-2,2-dimethylhydrocinnamal	186	3.9

Mobility

Component	End point	Value
2,6-dimethyloct-7-en-2-ol	log Koc	2.25
Phenethyl Alcohol	log Koc	1.5 Measured
7-Octen-2-ol, 2,6-dimethyl-, 2-formate		-
Isobornyl acetate		-
Ethyl-2,2-dimethylhydrocinnamal	log Koc	2.94 - 3.08

PBT and vPvB assessment

Component	Results
2,6-dimethyloct-7-en-2-ol	Not fulfilling PBT and vPvB criteria

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Phenethyl Alcohol	Not fulfilling PBT and vPvB criteria
7-Octen-2-ol, 2,6-dimethyl-, 2-formate	Not fulfilling PBT and vPvB criteria
Isobornyl acetate	Not fulfilling PBT and vPvB criteria
Ethyl-2,2-dimethylhydrocinnamal	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.

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.

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

State Right To Know

No components are subject to the Massachusetts Right to Know Act.		
No components are subject to the Massachusetts Right to Know Act.		
No components are subject to the Minnesota "Right To Know" Act		
No components are subject to the Minnesota "Right To Know" Act		
No components are subject to the New Jersey "Right To Know" Act		
No components are subject to the New Jersey "Right To Know" Act		
Pennsylvania RTKL		
	2,6-dimethyloct-7-en-2-ol	18479-58-8
	Phenethyl Alcohol	60-12-8
	2,6-dimethyloct-7-en-2-ol	18479-58-8
	Phenethyl Alcohol	60-12-8

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
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.

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Further information

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