

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



GLADE® CANDLE 2 IN 1 (FRESH BERRIES & WILD RASPBERRY)

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000023273

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : **GLADE® CANDLE 2 IN 1 (FRESH BERRIES & WILD RASPBERRY)**

Recommended use : Candle

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

Telephone : +18005585252

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
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
Reproductive toxicity	Category 2	Suspected of damaging fertility or the unborn child.

Labelling

Hazard symbols

Health hazard

Signal word

Warning

Hazard statements

Suspected of damaging fertility or the unborn child.

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 exposed or concerned: Get medical advice/ attention.

Store locked up.

Dispose of contents/ container to an approved incineration plant.

Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Paraffin waxes and Hydrocarbon waxes	8002-74-2	60.00 - 100.00
Petrolatum	8009-03-8	10.00 - 30.00
Octabenzene	1843-05-6	0.10 - 1.00
Fragrance - Trade Secret	Mixture	3.00 - 7.00

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** : No special requirements
- Skin contact** : IF exposed or concerned: Get medical advice/ attention.
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Carbon dioxide (CO2), Dry chemical, Foam
- Extinguishing media which shall not be used for safety reasons** : High volume water jet
- Further information** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective

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clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Obtain special instructions before use.
Wear protective gloves/ eye protection/ face protection.
Wash thoroughly after handling.
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** : Sweep up and shovel into suitable containers for disposal.
Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.
Burn candle within sight. Never touch, lift or move a candle while lit. Never burn candle on or near anything that can catch fire.
For personal protection see section 8.
Avoid contact with molten material.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Do not handle until all safety precautions have been read and understood.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m3	-	-	ACGIH TWA

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : No special requirements.

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 : Wax.

Color : purple pink

Odor : pleasant

Odour Threshold : No data available

pH : Not applicable

Melting point/freezing point : Not applicable

Initial boiling point and boiling range : Not applicable

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Flash point : ≥ 135 °C
 : ≥ 275 °F
 Method: ASTM D 93

Evaporation rate : Not applicable

Flammability (solid, gas) : Sustains combustion

Upper/lower flammability or explosive limits : No data available

Vapour pressure : Not applicable

Vapour density : No data available

Relative density : No data available

Solubility(ies) : insoluble

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

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- Oxidizing properties** : No data available
- Volatile Organic Compounds Total VOC (wt. %)*** : 0.7 % - additional exemptions may apply
*as defined by US Federal and State Consumer Product Regulations
- Other information** : None identified :

10. STABILITY AND REACTIVITY

- 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.

11. TOXICOLOGICAL INFORMATION

- Emergency Overview** : Warning
- Acute oral toxicity** : LD50 estimated > 5,000 mg/kg
- Acute inhalation toxicity** : LC50 estimated > 5 mg/l
- Acute dermal toxicity** : LD50 estimated > 2,000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	-

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Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	Category 2	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
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
Paraffin waxes and Hydrocarbon waxes	LC50	Fish	> 100 mg/l	
Petrolatum	static test	Pimephales promelas	> 100	96 h

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	EU LC50 Read-across (Analogy) OECD Test Guideline 203	(fathead minnow)	mg/l	
Octabenzone	static test LC50	Danio rerio (zebra fish)	> 100 mg/l	96 h
Fragrance - Trade Secret	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Paraffin waxes and Hydrocarbon waxes	EC50 No data available	Daphnid	> 10,000 mg/l	
	NOEC	Daphnia	10 mg/l	
Petrolatum	static test EC50 Read-across (Analogy)	Daphnia magna (Water flea)	> 10,000 mg/l	48 h
Octabenzone	EC50 Measured	Daphnia magna (Water flea)	52 mg/l	24 h
Fragrance - Trade Secret	No data available			

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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Paraffin waxes and Hydrocarbon waxes	NOEC No data available	Algae	> 100 mg/l	
Petrolatum	No data available			
Octabenzone	EC50	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
Fragrance - Trade Secret	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Paraffin waxes and Hydrocarbon waxes	No data available		Not readily biodegradable.
Petrolatum	31 %	28 d	Not readily biodegradable.
Octabenzone	5 %	28 d	Not readily biodegradable.
Fragrance - Trade Secret	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Paraffin waxes and Hydrocarbon waxes	No data available	No data available
Petrolatum	No data available	No data available
Octabenzone	89 - 190 Measured	7.6 Calculated
Fragrance - Trade Secret	No data available	No data available

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Mobility

Component	End point	Value
Paraffin waxes and Hydrocarbon waxes	No data available	
Petrolatum	No data available	
Octabenzone	Koc	63750 Calculated
Fragrance - Trade Secret	No data available	

PBT and vPvB assessment

Component	Results
Paraffin waxes and Hydrocarbon waxes	Not fulfilling PBT and vPvB criteria
Petrolatum	Not fulfilling PBT and vPvB criteria
Octabenzone	Not fulfilling PBT and vPvB criteria
Fragrance - Trade Secret	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

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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 comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

- California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	1
Reactivity	0

NFPA Ratings

Health	0
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.

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Further information

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