

## Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



### GLADE® PlugIns® Car Hawaiian Breeze®

Version 1.0

Print Date 01/23/2018

Revision Date 05/24/2017

SDS Number 350000032584GEN\_SOF  
Number 59497

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product information

**Product name** : GLADE® PlugIns® Car Hawaiian Breeze®

**Recommended use** : Air Freshener

**Restrictions on use** : Use only as directed on label

**Manufacturer, importer, supplier** : S.C. Johnson and Son, Limited  
1 Webster Street  
Brantford ON N3T 5R1

**Telephone** : +1-800-558-5566

**Emergency telephone number** : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647  
24 Hour Canadian Transport Emergency Phone (CANUTEC)  
(613) 996-6666

#### 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.
Eye irritation	Category 2A	Causes serious eye irritation.
Skin sensitisation	Category 1A	May cause an allergic skin reaction.

##### Labelling

**Hazard symbols**  
Exclamation mark

**Signal word**  
Warning

**Hazard statements**

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Combustible liquid.  
Causes serious eye irritation.  
May cause an allergic skin reaction.

#### 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 dry sand, dry chemical or alcohol-resistant foam for extinction.  
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.  
Wash contaminated clothing before reuse.  
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.  
Avoid breathing spray.  
Wash hands thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

Chemical name	CAS-No.	Weight percent
Diethyl malonate	105-53-3	80.00 - 100.00

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](http://www.whatsinsidescjohnson.com).

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#### 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** : Wash off with plenty of water. If skin irritation or rash occurs: Get medical advice/ attention.
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

##### Most important symptoms and effects, both acute and delayed

- Eyes** : May irritate eyes.  
Causes serious eye irritation.
- Skin effect** : May cause allergic skin reaction.  
No adverse effects expected when used as directed.
- Inhalation** : May cause allergic respiratory reaction.
- Ingestion** : May cause irritation to mouth, throat and stomach.  
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.

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#### 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, 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.
- 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.

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## 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

: Keep away from sources of ignition - No smoking.

### Storage

#### Requirements for storage areas and containers

: Store in a well-ventilated place. Keep cool.

#### Other data

: The product is chemically stable.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
Distillates (petroleum), hydrotreated light	64742-47-8	1,200 mg/m <sup>3</sup>	152 ppm	-	SUPPLIER
Benzyl acetate	140-11-4	-	10 ppm	-	ACGIH TWA

### Personal protective equipment

**Respiratory protection** : No special requirements.

**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** : gel

**Color** : light yellow

**Odour** : Citrus

**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** : 69 °C  
156.2 °F  
Method: ASTM D3828

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : not auto-flammable

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

**Vapour pressure** : Calculated 0.8401 hPa  
at 20 °C  
Test not applicable for this product type

**Vapour density** : Test not applicable for this product type

**Relative density** : 0.9800 g/cm<sup>3</sup> at 25 °C

**Solubility(ies)** : negligible

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

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<b>Auto-ignition temperature</b>	:	does not ignite	:
<b>Decomposition temperature</b>	:	Test not applicable for this product type	:
<b>Viscosity, dynamic</b>	:	84 mPa.s	:
<b>Viscosity, kinematic</b>	:	Test not applicable for this product type	:
<b>Oxidizing properties</b>	:	Test not applicable for this product type	:
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	78.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
<b>Other information</b>	:	None identified	:

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	:	No dangerous reaction known under conditions of normal use.	:
<b>Chemical stability</b>	:	Stable under recommended storage conditions.	:
<b>Possibility of hazardous reactions</b>	:	Stable under recommended storage conditions.	:
<b>Possibility of hazardous reactions</b>	:	Stable under recommended storage conditions.	:
<b>Conditions to avoid</b>	:	Heat, flames and sparks.	:



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**Incompatible materials** : Strong oxidizing agents

**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	-
Eye irritation	Category 2A	-
Skin sensitisation	Category 1A	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-

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Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
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
Diethyl malonate	flow-through test LC50	Pimephales promelas (fathead minnow)	10.3 - 13 mg/l	96 h

### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Diethyl malonate	static test	Daphnia magna (Water)	202.3 mg/l	48 h

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	EC50	flea)		
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#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Diethyl malonate	static test EC50	Desmodesmus subspicatus (green algae)	508.2 mg/l	72 h

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Diethyl malonate	99 %	28 d	Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Diethyl malonate	No data available	0.96

#### Mobility

Component	End point	Value
Diethyl malonate	No data available	

#### PBT and vPvB assessment

Component	Results
Diethyl malonate	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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

**Canada Regulations** : This product has been classified in accordance with the hazard criteria of the Hazardous Products Act and Regulations.

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#### 16. OTHER INFORMATION

##### HMIS Ratings

Health	2
Flammability	2
Reactivity	0

##### NFPA Ratings

Health	2
Fire	2
Reactivity	0
Special	-

This information is being provided in accordance with Canada's Workplace Hazard Material Information System. 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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