

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

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

This product does not meet the criteria for classification in any hazard class according to the Canadian Hazardous Products Regulation

Labelling

Precautionary statements

Other hazards : None identified

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

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
Fragrance - Trade Secret	Mixture	1.50 - 3.00
Carrageenan	9000-07-1	1.00 - 1.50
Dipropylene glycol	25265-71-8	1.50 - 3.00
Carrageenan	9000-07-1	1.00 - 1.50

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 : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Inhalation : No adverse effects expected when used as directed.

Ingestion : 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.

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 : Wash thoroughly after handling.

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.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.

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

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 : 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

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Form	: gel
Color	: blue
Odour	: Marine/Ozone
Odour Threshold	: Test not applicable for this product type
pH	: Test not applicable for this product type
Melting point/freezing point	: 0 °C
Initial boiling point and boiling range	: Test not applicable for this product type
Flash point	: does not flash
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: Test not applicable for this product type
Relative density	: 1 g/cm ³
Solubility(ies)	: partly miscible

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Partition coefficient: n-octanol/water	:	Test not applicable for this product type	:
Auto-ignition temperature	:	not auto-flammable	:
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 Total VOC (wt. %)*	:	0.6 % - 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.
Possibility of hazardous	:	Stable under recommended storage conditions.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

reactions

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

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	No classification proposed	-

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

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 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
Carrageenan	No data available			

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Fragrance - Trade Secret	No data available			
Fragrance - Trade Secret	No data available			
Carrageenan	No data available			
Dipropylene glycol	static test LC50 Read-across (Analogy)	Pimephales promelas (fathead minnow)	46,500 mg/l	96 h
Carrageenan	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Carrageenan	No data available			
Fragrance - Trade Secret	No data available			
Fragrance - Trade Secret	No data available			
Carrageenan	No data available			
Dipropylene glycol	static test	Daphnia magna (Water)	> 100	48 h

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

	EC50	flea)	mg/l	
Carrageenan	No data available			

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Carrageenan	No data available			
Fragrance - Trade Secret	No data available			
Fragrance - Trade Secret	No data available			
Carrageenan	No data available			
Dipropylene glycol	EC50	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
Carrageenan	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Carrageenan	No data available		Not readily biodegradable.
Fragrance - Trade Secret	No data available		
Fragrance - Trade Secret	No data available		
Carrageenan	No data available		Not readily biodegradable.
Dipropylene glycol	84.4 %	28 d	Readily biodegradable.

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Carrageenan	No data available		Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Carrageenan	No data available	No data available
Fragrance - Trade Secret	No data available	No data available
Fragrance - Trade Secret	No data available	No data available
Carrageenan	No data available	No data available
Dipropylene glycol	0.3 - 1.4	-0.462
Carrageenan	No data available	No data available

Mobility

Component	End point	Value
Carrageenan	No data available	
Fragrance - Trade Secret	No data available	
Fragrance - Trade Secret	No data available	
Carrageenan	No data available	
Dipropylene glycol	No data available	
Carrageenan	No data available	

PBT and vPvB assessment

Component	Results
Carrageenan	Not fulfilling PBT and vPvB criteria
Fragrance - Trade Secret	Not fulfilling PBT and vPvB criteria

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

Fragrance - Trade Secret	Not fulfilling PBT and vPvB criteria
Carrageenan	Not fulfilling PBT and vPvB criteria
Dipropylene glycol	Not fulfilling PBT and vPvB criteria
Carrageenan	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

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

- 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 is not subject to the reporting requirements under California's Proposition 65.
- Canada Regulations** : This product has been classified in accordance with the hazard criteria of the Hazardous Products Act and Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



GLADE® SOLID AIR FRESHENER - TOUGH ODOUR SOLUTIONS - CLEAR SPRINGS®

Version 1.0

Print Date 06/21/2017

Revision Date 05/23/2017

SDS Number 350000014783GEN_SOF
Number 54744

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)
-------------	--