

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**GLADE® PLUG-INS® SCENTED OIL - APPLE CINNAMON**

Version 1.0

Print Date 04/08/2015

Revision Date 04/08/2015

SDS Number 350000013392

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

**Product name** : **GLADE® PLUG-INS® SCENTED OIL - APPLE CINNAMON**

**Recommended use** : Air Freshener

**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         |
|-----------------------|-----------------|--------------------------------|
| Flammable liquids     | Category 4      | Combustible liquid.            |
| Eye irritation        | Category 2A     | Causes serious eye irritation. |

**Labelling**

**Hazard symbols**  
Exclamation mark

**Signal word**  
Warning

**Hazard statements**  
Combustible liquid.  
Causes serious 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.

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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.  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
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 |
|--------------------------|---------|----------------|
| Fragrance - Trade Secret | Mixture | 60.00 - 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).

**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** : No special requirements

**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.

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- 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.

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**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.  
Wash thoroughly after handling.
- Advice on protection against fire and explosion** : Keep away from sources of ignition - No smoking.

**Storage**

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**Requirements for storage areas and containers** : Keep container closed when not in use.  
Store in a well-ventilated place. Keep cool.

**Other data** : Stable at normal ambient temperature and pressure.

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## 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** : 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : liquid

**Color** : yellow

**Odor** : spicy  
sweet

**Odour Threshold** : Test not applicable for this product type

**pH** : Test not applicable for this product type

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

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

**Flash point** : 78 °C  
172.4 °F  
Method: Tag Closed Cup (TCC)

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

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

**Relative density** : 0.9820 g/cm<sup>3</sup> at 25 °C

**Solubility(ies)** : negligible

**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

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- Viscosity, kinematic** : Test not applicable for this product type
  
- Oxidizing properties** : Test not applicable for this product type
  
- Volatile Organic Compounds Total VOC (wt. %)\*** : 66.9 % - additional exemptions may apply  
\*as defined by US Federal and State Consumer Product Regulations
  
- Other information** : None identified :

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**10. STABILITY AND REACTIVITY**

- Possibility of hazardous reactions** : Stable under recommended storage conditions.
  
- Conditions to avoid** : Heat, flames and sparks.
  
- Incompatible materials** : Strong oxidizing agents
  
- 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  
estimated  
> 5,000 mg/kg
  
- Acute inhalation toxicity** : LC50  
estimated  
> 2 mg/l
  
- Acute dermal toxicity** : LD50

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estimated  
> 2,000 mg/kg

| GHS Properties                                     | Classification             | Routes of entry |
|--|----------------------------|-----------------|
| Acute toxicity                                     | No classification proposed | -               |
| Skin corrosion/irritation                          | No classification proposed | -               |
| Eye irritation                                     | Category 2A                | -               |
| 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**

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| Components               | End point         | Species | Value | Exposure time |
|--------------------------|-------------------|---------|-------|---------------|
| Fragrance - Trade Secret | No data available |         |       |               |

**Toxicity to aquatic invertebrates**

| Components               | End point         | Species | Value | Exposure time |
|--------------------------|-------------------|---------|-------|---------------|
| Fragrance - Trade Secret | No data available |         |       |               |

**Toxicity to aquatic plants**

| Components               | End point         | Species | Value | Exposure time |
|--------------------------|-------------------|---------|-------|---------------|
| Fragrance - Trade Secret | No data available |         |       |               |

**Persistence and degradability**

| Component                | Biodegradation    | Exposure time | Summary |
|--------------------------|-------------------|---------------|---------|
| Fragrance - Trade Secret | No data available |               |         |

**Bioaccumulative potential**

| Component                | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|--------------------------|-------------------------------|---|
| Fragrance - Trade Secret | No data available             | No data available                           |

**Mobility**

| Component                | End point         | Value |
|--------------------------|-------------------|-------|
| Fragrance - Trade Secret | No data available |       |

**PBT and vPvB assessment**

| Component | Results |
|-----------|---------|
|-----------|---------|



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|                          |                                      |
|--------------------------|--------------------------------------|
| Fragrance - Trade Secret | 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.

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**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.

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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 is not subject to the reporting requirements under California's Proposition 65.

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**16. OTHER INFORMATION**

**HMIS Ratings**

|                     |   |
|---------------------|---|
| <b>Health</b>       | 2 |
| <b>Flammability</b> | 2 |
| <b>Reactivity</b>   | 0 |

**NFPA Ratings**

|                   |   |
|-------------------|---|
| <b>Health</b>     | 2 |
| <b>Fire</b>       | 2 |
| <b>Reactivity</b> | 0 |
| <b>Special</b>    | - |

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) |
|-------------|--|