

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# GLADE PLUGINS SCENTED OIL CITRUS & SHINE

Version 1.1

Print Date 08/20/2021

Revision Date 01/29/2020

SDS Number 350000038053

GEN\_SOF Number 68282

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : GLADE PLUGINS SCENTED OIL CITRUS & SHINE

**Recommended use** : Air Freshener

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

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

**Telephone** : +1-800-558-5252

**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               |
|-----------------------------------|-----------------|--------------------------------------|
| Flammable liquids                 | Category 4      | Combustible liquid.                  |
| Serious eye damage/eye irritation | Category 2B     | Causes eye irritation.               |
| Skin sensitisation                | Category 1B     | May cause an allergic skin reaction. |

### Labelling

#### Hazard symbols

Exclamation mark

#### Signal word

Warning

#### Hazard statements

Combustible liquid.

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Causes 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 alcohol-resistant foam, carbon dioxide or dry sand to extinguish.  
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

| Chemical name            | CAS-No.   | Weight percent |
|--------------------------|-----------|----------------|
| Citral                   | 5392-40-5 | 1.00 - 5.00    |
| 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

**Description of first aid measures**

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- 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

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

- Eyes** : May irritate eyes.
- Skin effect** : May cause allergic skin reaction.  
Causes skin irritation.  
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.

## 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. Container may melt and leak in heat of fire.

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**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.

## 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** : Keep container closed when not in use.  
Store in a well-ventilated place. Keep cool.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

| Components | CAS-No.   | mg/m3 | ppm   | Non-standard units | Basis     |
|------------|-----------|-------|-------|--------------------|-----------|
| Citral     | 5392-40-5 | -     | 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

**Odour** : Citrus

**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** : 82 °C  
179.6 °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** : Test not applicable for this product type

**Vapour pressure** : 0.465 hPa  
at 20 °C

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

**Relative density** : 0.956 g/cm<sup>3</sup> at 25 °C

**Solubility(ies)** : Test not applicable for this product type

**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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|                                   |  |   |
|-----------------------------------|--|---|
| <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</b> | : 87.2 % - additional exemptions may apply                       |   |
| <b>Total VOC (wt. %)*</b>         | *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>Conditions to avoid</b>                | : Heat, flames and sparks.   |
| <b>Incompatible materials</b>             | : Strong oxidizing agents  |
| <b>Hazardous decomposition products</b>   | : Thermal decomposition can lead to release of irritating gases and vapours. |

## 11. TOXICOLOGICAL INFORMATION

|                                  |                     |
|----------------------------------|---------------------|
| <b>Acute oral toxicity</b>       | : LD50 > 5000 mg/kg |
| <b>Acute inhalation toxicity</b> | : LC50 > 10 mg/L    |
| <b>Acute dermal toxicity</b>     | : LD50 > 5000 mg/kg |

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| 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                  | Category 2B                | -                          |
| Skin sensitisation                                 | Category 1B                | -                          |
| 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.



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**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 |
|--------------------------|-------------------|------------------------------|-----------|---------------|
| Citral                   | static test LC50  | Leuciscus idus (Golden orfe) | 6.78 mg/l | 96 h          |
| Fragrance - Trade Secret | No data available |                              |           |               |

**Toxicity to aquatic invertebrates**

| Components               | End point         | Species                    | Value    | Exposure time |
|--------------------------|-------------------|----------------------------|----------|---------------|
| Citral                   | static test EC50  | Daphnia magna (Water flea) | 6.8 mg/l | 48 h          |
| Fragrance - Trade Secret | No data available |                            |          |               |

**Toxicity to aquatic plants**

| Components               | End point         | Species               | Value   | Exposure time |
|--------------------------|-------------------|-----------------------|---------|---------------|
| Citral                   | EC50              | Desmodium subspicatus | 16 mg/l | 72 h          |
| Fragrance - Trade Secret | No data available |                       |         |               |

**Persistence and degradability**

| Component | Biodegradation | Exposure time | Summary |
|-----------|----------------|---------------|---------|
|-----------|----------------|---------------|---------|

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|                          |                   |      |                        |
|--------------------------|-------------------|------|------------------------|
| Citral                   | 85 - 95 %         | 28 d | Readily biodegradable. |
| Fragrance - Trade Secret | No data available |      |                        |

**Bioaccumulative potential**

| Component                | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|--------------------------|-------------------------------|---|
| Citral                   | 89.72                         | 2.76  |
| Fragrance - Trade Secret | No data available             | No data available                           |

**Mobility**

| Component                | End point         | Value |
|--------------------------|-------------------|-------|
| Citral                   | Koc               | 147.7 |
| Fragrance - Trade Secret | No data available |       |

**PBT and vPvB assessment**

| Component                | Results                              |
|--------------------------|--------------------------------------|
| Citral                   | 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.

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### 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.

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

## 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 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) |
|-------------|--|