

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# FAMILY GUARD BRAND DISINFECTANT CLEANER (EPA REG. NO. 4822-613)

Version 1.2

Print Date 12/10/2025

Revision Date 05/10/2024

SDS Number 350000038781  
GEN\_SOF Number 68229

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : FAMILY GUARD BRAND DISINFECTANT CLEANER (EPA REG. NO. 4822-613)

**Recommended use** : Disinfectant

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

**Telephone** : +1 8005585252  
**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

This product does not meet the classification criteria for any hazard class under OSHA regulation 29 CFR 1910.1200.

### Labelling

### Precautionary statements

**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                           | CAS-No.    | Weight percent |
|-----------------------------------------|------------|----------------|
| Diisopropanolamine                      | 110-97-4   | 1.00 - 5.00    |
| Alkyl dimethyl benzyl ammonium chloride | 68424-85-1 | 0.10 - 1.00    |

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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

- |                     |                            |
|---------------------|----------------------------|
| <b>Eye contact</b>  | : No special requirements  |
| <b>Skin contact</b> | : No special requirements  |
| <b>Inhalation</b>   | : No special requirements. |
| <b>Ingestion</b>    | : No special requirements  |

## 5. FIREFIGHTING MEASURES

- |                                             |                                                                                                                                                                                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>         | : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.                                                                                                                      |
| <b>Specific hazards during firefighting</b> | : Container may melt and leak in heat of fire.                                                                                                                                                  |
| <b>Further information</b>                  | : 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

- |                                                  |                                                            |
|--------------------------------------------------|------------------------------------------------------------|
| <b>Personal precautions</b>                      | : Wash thoroughly after handling.                          |
| <b>Environmental precautions</b>                 | : Outside of normal use, avoid release to the environment. |
| <b>Methods and materials for containment and</b> | : Dike large spills.<br>Clean residue from spill site.     |

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cleaning up

## 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.

### Storage

**Requirements for storage areas and containers** : Keep container closed when not in use.

## 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

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|                                                     |                                             |
|-----------------------------------------------------|---------------------------------------------|
| <b>Form</b>                                         | : liquid                                    |
| <b>Color</b>                                        | : colourless                                |
| <b>Odor</b>                                         | : Herbal                                    |
| <b>Odour Threshold</b>                              | : Test not applicable for this product type |
| <b>pH</b>                                           | : 10.8                                      |
| <b>Melting point/freezing point</b>                 | : Test not applicable for this product type |
| <b>Initial boiling point and boiling range</b>      | : Test not applicable for this product type |
| <b>Flash point</b>                                  | : does not flash                            |
| <b>Evaporation rate</b>                             | : Test not applicable for this product type |
| <b>Flammability (solid, gas)</b>                    | : The product is not flammable.             |
| <b>Upper/lower flammability or explosive limits</b> | : Test not applicable for this product type |
| <b>Vapour pressure</b>                              | : Test not applicable for this product type |
| <b>Vapour density</b>                               | :                                           |
| <b>Relative density</b>                             | : 0.998 g/cm <sup>3</sup>                   |
| <b>Solubility(ies)</b>                              | : completely soluble                        |

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

**Auto-ignition temperature** : Test not applicable for this product type

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

**Viscosity, dynamic** : similar to water

**Viscosity, kinematic** : similar to water

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

**Volatile Organic Compounds** : 0.1 % - additional exemptions may apply  
**Total VOC (wt. %)\*** \*as defined by US Federal and State Consumer Product Regulations

**Other information** : None identified :

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## 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** : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

**Conditions to avoid** : Direct sources of heat.

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**Incompatible materials** : Do not mix with bleach or any other household cleaners.  
Strong bases

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

## 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : This product does not meet the classification criteria for any hazard class under OSHA regulation 29 CFR 1910.1200.

**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 | -                          |
| Skin sensitisation                | No classification proposed | -                          |
| Respiratory sensitisation         | No classification proposed | -                          |

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|                                                    |                            |   |
|----------------------------------------------------|----------------------------|---|
| 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 |
|-----------------------------------------|------------------------------------------------------|--------------------------------------|------------|---------------|
| Diisopropanolamine                      | LC50                                                 | Danio rerio (zebra fish)             | 1,466 mg/l | 96 h          |
| Alkyl dimethyl benzyl ammonium chloride | LC50<br>Measured<br>OECD<br>Test<br>Guideline<br>203 | Pimephales promelas (fathead minnow) | 0.28 mg/l  | 96 h          |

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|  |      |                                         |            |      |
|--|------|-----------------------------------------|------------|------|
|  | NOEC | Pimephales promelas<br>(fathead minnow) | 0.032 mg/l | 34 d |
|--|------|-----------------------------------------|------------|------|

### Toxicity to aquatic invertebrates

| Components                              | End point | Species              | Value       | Exposure time |
|-----------------------------------------|-----------|----------------------|-------------|---------------|
| Diisopropanolamine                      | EC50      | Daphnia magna Straus | 277.7 mg/l  | 48 h          |
| Alkyl dimethyl benzyl ammonium chloride | EC50      | Daphnia (water flea) | 0.012 mg/l  | 48 h          |
|                                         | NOEC      | Daphnia magna        | 0.0042 mg/l | 21 d          |

### Toxicity to aquatic plants

| Components                              | End point | Species                                       | Value      | Exposure time |
|-----------------------------------------|-----------|-----------------------------------------------|------------|---------------|
| Diisopropanolamine                      | EC50      | Desmodesmus subspicatus (green algae)         | 339 mg/l   | 72 h          |
| Alkyl dimethyl benzyl ammonium chloride | EC50      | Pseudokirchneriella subcapitata (green algae) | 0.049 mg/l | 72 h          |

### Persistence and degradability

| Component             | Biodegradation | Exposure time | Summary                |
|-----------------------|----------------|---------------|------------------------|
| Diisopropanolamine    | 94 %           | 28 d          | Readily biodegradable. |
| Alkyl dimethyl benzyl | 95.5 %         | 28 d          | Readily biodegradable. |



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|                   |  |  |  |
|-------------------|--|--|--|
| ammonium chloride |  |  |  |
|-------------------|--|--|--|

### Bioaccumulative potential

| Component                               | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|-----------------------------------------|-------------------------------|---------------------------------------------|
| Diisopropanolamine                      | 3.16 estimated                | -0.79                                       |
| Alkyl dimethyl benzyl ammonium chloride | 79 Measured                   | 0.004                                       |

### Mobility

| Component                               | End point | Value             |
|-----------------------------------------|-----------|-------------------|
| Diisopropanolamine                      | Koc       | 43 estimated      |
| Alkyl dimethyl benzyl ammonium chloride | Koc       | -1640329 Measured |

### PBT and vPvB assessment

| Component                               | Results                              |
|-----------------------------------------|--------------------------------------|
| Diisopropanolamine                      | Not fulfilling PBT and vPvB criteria |
| Alkyl dimethyl benzyl ammonium chloride | 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.

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### 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

### FIFRA Labeling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

TO AVOID ELECTRICAL SHOCK DO NOT SPRAY AT OR NEAR ELECTRICAL LINES.

**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.

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## 16. OTHER INFORMATION

### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 0 |
| Reactivity   | 0 |

### NFPA Ratings

|            |   |
|------------|---|
| Health     | 0 |
| Fire       | 0 |
| 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.

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