

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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

Version 1.1

Print Date 06/05/2023

Revision Date 06/24/2020

SDS Number 350000038779

GEN\_SOF Number 68230

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

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

**Recommended use** : Disinfectant

**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

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

### Labelling

### Precautionary statements

**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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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

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

**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.

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** : Use water spray, alcohol-resistant foam, dry chemical or

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**media** carbon dioxide.

**Specific hazards during firefighting** : Container may melt and leak in heat of fire.

**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** : 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.  
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.

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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** : 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

**Form** : liquid

**Color** : colourless

**Odour** : Citrus

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

**pH** : 10.8

**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** : does not flash

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<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
<b>Partition coefficient: n-octanol/water</b>	: Test not applicable for this product type
<b>Auto-ignition temperature</b>	: Test not applicable for this product type
<b>Decomposition temperature</b>	: Test not applicable for this product type
<b>Viscosity, dynamic</b>	: similar to water
<b>Viscosity, kinematic</b>	: similar to water
<b>Oxidizing properties</b>	: Test not applicable for this product type
<b>Volatile Organic</b>	: 0.1 % - additional exemptions may apply

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**Compounds**  
**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.

**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

**Acute oral toxicity**

: LD50 > 5000 mg/kg

**Acute inhalation toxicity**

: LC50 > 5 mg/l

**Acute dermal toxicity**

: LD50 > 5,000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral

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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	-
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

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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 Measured OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.28 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	0.03 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 OECD Test Guideline 202	Daphnia magna (Water flea)	0.016 mg/l	48 h
	NOEC	Daphnia magna	0.0042 mg/l	21 d

**Toxicity to aquatic plants**



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Components	End point	Species	Value	Exposure time
Diisopropanolamine	EC50	Desmodesmus subspicatus (green algae)	339 mg/l	72 h
Alkyl dimethyl benzyl ammonium chloride	EC50 OECD Test Guideline 201	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	72 h

**Persistence and degradability**

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

**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	3.91

**Mobility**

Component	End point	Value
Diisopropanolamine	Koc	43 estimated
Alkyl dimethyl benzyl ammonium chloride	No data available	

**PBT and vPvB assessment**

Component	Results
Diisopropanolamine	Not fulfilling PBT and vPvB criteria

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Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria
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**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

### 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

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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.

## 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

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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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