1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name: FANTASTIK® DISINFECTANT MULT-PURPOSE CLEANER (EPA REG. NO. 4822-613) - LEMON

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
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
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.
8. EXPOSURE CONTROLS/PERSOAL 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
Evaporation rate: Test not applicable for this product type

Flammability (solid, gas): The product is not flammable.

Upper/lower flammability or explosive limits: Test not applicable for this product type

Vapour pressure: Test not applicable for this product type

Vapour density:

Relative density: 0.998 g/cm3

Solubility(ies): completely soluble

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: 0.1 % - additional exemptions may apply
FANTASTIK® DISINFECTANT MULT-PURPOSE CLEANER (EPA REG. NO. 4822-613) - LEMON

Compounds
Total VOC (wt. %)*
*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: 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
# FANTASTIK® DISINFECTANT MULT-PURPOSE CLEANER (EPA REG. NO. 4822-613) - LEMON

**Version 1.1**  
**Print Date 07/01/2020**  
**Revision Date 06/23/2020**  
**SDS Number 350000038780**  
**GEN_SOF Number 68252**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>No classification proposed</th>
<th>Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Dust and Mist</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Vapour</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Gas</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Respiratory sensitisation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
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<td>-</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No classification proposed</td>
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</table>

**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**

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>LC50</td>
<td>Danio rerio (zebra fish)</td>
<td>1,466 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>LC50</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>0.28 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td></td>
<td>Measured OECD Test Guideline 203</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>0.03 mg/l</td>
<td>34 d</td>
</tr>
</tbody>
</table>

**Toxicity to aquatic invertebrates**

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>EC50</td>
<td>Daphnia magna Straus</td>
<td>277.7 mg/l</td>
<td>48 h</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>EC50</td>
<td>Daphnia magna (Water flea)</td>
<td>0.016 mg/l</td>
<td>48 h</td>
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<tr>
<td></td>
<td>OECD Test Guideline 202</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>Daphnia magna</td>
<td>0.0042 mg/l</td>
<td>21 d</td>
</tr>
</tbody>
</table>

**Toxicity to aquatic plants**
## Components

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>EC50</td>
<td>Desmodesmus subspicatus (green algae)</td>
<td>339 mg/l</td>
<td>72 h</td>
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<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>EC50 OECD Test Guideline 201</td>
<td>Selenastrum capricornutum, Skeletonema costatum</td>
<td>0.026 mg/l</td>
<td>72 h</td>
</tr>
</tbody>
</table>

### Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Biodegradation</th>
<th>Exposure time</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>94 %</td>
<td>28 d</td>
<td>Readily biodegradable.</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>95.5 %</td>
<td>28 d</td>
<td>Readily biodegradable.</td>
</tr>
</tbody>
</table>

### Bioaccumulative potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Bioconcentration factor (BCF)</th>
<th>Partition Coefficient n-Octanol/water (log)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>3.16 estimated</td>
<td>-0.79</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>79 Measured</td>
<td>3.91</td>
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</tbody>
</table>

### Mobility

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>Koc</td>
<td>43 estimated</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
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### PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisopropanolamine</td>
<td>Not fulfilling PBT and vPvB criteria</td>
</tr>
</tbody>
</table>
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.

**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
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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Health</td>
<td>0</td>
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<tr>
<td>Flammability</td>
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</tr>
<tr>
<td>Reactivity</td>
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</table>

NFPA Ratings

<p>| | |</p>
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</thead>
<tbody>
<tr>
<td>Health</td>
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<tr>
<td>Fire</td>
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<tr>
<td>Reactivity</td>
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<tr>
<td>Special</td>
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</table>

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.

<table>
<thead>
<tr>
<th>Prepared by</th>
<th>SC Johnson Global Safety Assessment &amp; Regulatory Affairs (GSARA)</th>
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12/12