

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



FANTASTIK ANTIBACTERIAL HEAVY DUTY ALL PURPOSE CLEANER

Version 1.3

Print Date 02/16/2016

Revision Date 05/15/2015

SDS Number 350000004769

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : FANTASTIK ANTIBACTERIAL HEAVY DUTY ALL PURPOSE CLEANER

Recommended use : Hard Surface Cleaner

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

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

Chemical Name	CAS-No.	Weight percent
Propylene glycol monobutyl ether	5131-66-8	1.00 - 5.00
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.10 - 1.00
Alkyl dimethyl ethyl benzyl ammonium	68956-79-6	0.10 - 1.00

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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chloride (C12-14)		
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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.

4. FIRST AID MEASURES

Eye contact	:	No special requirements
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.
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.

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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.
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

Form : liquid

Color : yellow

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Odor	: pleasant
Odour Threshold	: No data available
pH	: 11.8 - 12.4
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: No data available
Vapour pressure	: 17.5 mmHg
Vapour density	: No data available
Relative density	: 1.01 g/cm ³ similar to water
Solubility(ies)	: completely soluble
Partition coefficient: n-octanol/water	: No data available

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Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

Volatile Organic Compounds : 3 % - additional exemptions may apply
Total VOC (wt. %)* *as defined by US Federal and State Consumer Product Regulations

Other information : None identified :

10. STABILITY AND REACTIVITY

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.

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11. TOXICOLOGICAL INFORMATION

- Emergency Overview** : This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.
- Acute oral toxicity** : LD50
Measured
> 5,000 mg/kg
- Acute inhalation toxicity** : No data available
- Acute dermal toxicity** : LD50
Measured
> 5,000 mg/kg

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

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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
Propylene glycol monobutyl ether	static test LC50	Poecilia reticulata (guppy)	> 560 - 1,000 mg/l	96 h
Alkyl dimethyl benzyl ammonium chloride	No data available			
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Propylene glycol monobutyl ether	static test EC50	Daphnia magna (Water flea)	> 1,000 mg/l	48 h
Alkyl dimethyl benzyl ammonium chloride	EC50 No data available	Daphnia (water flea)	0.016 mg/l	

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

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Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available			
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Propylene glycol monobutyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	> 1,000 mg/l	72 h
Alkyl dimethyl benzyl ammonium chloride	No data available			
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Propylene glycol monobutyl ether	90 %	28 d	Readily biodegradable
Alkyl dimethyl benzyl ammonium chloride	60 %	13 d	Readily biodegradable
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Propylene glycol monobutyl ether	3.2 estimated	1.2
Alkyl dimethyl benzyl ammonium chloride	182.8	3.91
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available	No data available

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Mobility

Component	End point	Value
Propylene glycol monobutyl ether	Koc	1.3 - 6
Alkyl dimethyl benzyl ammonium chloride	No data available	
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	No data available	

PBT and vPvB assessment

Component	Results
Propylene glycol monobutyl ether	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.

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

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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:

CAUTION:
CAUSES MODERATE EYE IRRITATION.

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.

Registration # / Agency
4822-530/US/EPA

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

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NFPA Ratings

Health	2
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)
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