

Safety Data Sheet

classification according to Canadian Hazardous Products
Regulation



FANTASTIK® ALL PURPOSE CLEANER WITH BLEACH (DIN 02248237)

Version 1.1

Print Date 01/09/2018

Revision Date 01/09/2018

SDS Number 350000004371

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : FANTASTIK® ALL PURPOSE CLEANER WITH BLEACH (DIN 02248237)

Recommended use : Speciality CleanerSpeciality Cleaner

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1

Telephone : +1-800-558-5566

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647
24 Hour Canadian Transport Emergency Phone (CANUTEC)
(613) 996-6666

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements

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Causes skin irritation.
Causes serious eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Specific treatment (see supplemental first aid instructions on this label).

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation 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.

Take off contaminated clothing and wash before reuse.

Wear protective gloves/ eye protection/ face protection.

Wash hands thoroughly after handling.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

Chemical name	CAS-No.	Weight percent
Sodium carbonate	497-19-8	3.00 - 5.00
Sodium hypochlorite	7681-52-9	3.00 - 5.00
Sodium chloride	7647-14-5	1.50 - 3.00
Lauryl dimethyl amine oxide	1643-20-5	1.50 - 3.00

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.

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4. FIRST AID MEASURES

Description of first aid measures

- 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.
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

Most important symptoms and effects, both acute and delayed

- Eyes** : Causes serious eye irritation.
- Skin effect** : Causes skin irritation.
No adverse effects expected when used as directed.
- Inhalation** : May cause respiratory tract irritation.
- 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.

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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** : 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** : 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.

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Wash thoroughly after handling.

**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

Components	CAS-No.	mg/m3	ppm	Non- standard units	Basis
Sodium carbonate	497-19-8	10 mg/m3	-	-	SUPPLIER

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

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Color	: Light yellow
Odour	: Bleach
Odour Threshold	: Test not applicable for this product type
pH	: 12.8 - 13.2
Melting point/freezing point	: 0 °C
Initial boiling point and boiling range	: 100 °C
Flash point	: does not flash
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: No data available
Relative density	: > 1.0 g/cm ³
Solubility(ies)	: completely soluble
Partition coefficient: n-octanol/water	: No data available

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Auto-ignition temperature	: Test not applicable for this product type
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: Test not applicable for this product type
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type, Not applicable
Volatile Organic Compounds Total VOC (wt. %)*	: 0 % - additional exemptions may apply *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.
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- Conditions to avoid** : Direct sources of heat.
- Incompatible materials** : Do not mix with acids or any other household products. May release dangerous gases (chlorine).
Avoid contact with:
Ammonia compounds.
Rust remover.
Strong acids
- 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
- Acute inhalation toxicity** : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50

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

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Skin irritation	Category 2	-
Eye irritation	Category 2A	-
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 expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
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Sodium carbonate	static test LC50	Lepomis macrochirus	300 mg/l	96 h
Sodium hypochlorite	LC50	Fish	0.06 mg/l	96 h
	NOEC		0.01 - < 0.1 mg/l	28 d
Sodium chloride	flow- through test LC50	Lepomis macrochirus	5,840 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	252 mg/l	33 d
Lauryl dimethyl amine oxide	semi- static test LC50	Danio rerio (zebra fish)	31.8 mg/l	96 h
	flow- through test NOEC Read- across (Analogy)	Pimephales promelas (fathead minnow)	0.42 mg/l	302 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sodium carbonate	semi- static test EC50	Ceriodaphnia sp.	200 - 227 mg/l	48 h
Sodium hypochlorite	EC50	Ceriodaphnia dubia		48 h

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			0.035 mg/l	
Sodium chloride	static test EC50	Daphnia magna (Water flea)	340.7 - 469.2 mg/l	48 h
	NOEC	Daphnia pulex	314 mg/l	21 d
Lauryl dimethyl amine oxide	static test EC50	Daphnia magna (Water flea)	3.9 mg/l	48 h
	flow-through test NOEC Read-across (Analogy) OECD Guideline 211 (Daphnia magna Reproduction Test)	Daphnia magna (Water flea)	0.7 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Sodium carbonate	No data available			
Sodium hypochlorite	ErC50	Pseudokirchneriella	0.0499	

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		subcapitata (green algae)	mg/l	
Sodium chloride	IC50	Algae	3,014 mg/l	72 h
Lauryl dimethyl amine oxide	static test EC50	Pseudokirchneriella subcapitata (green algae)	0.2 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Sodium carbonate	No data available		
Sodium hypochlorite	No data available		
Sodium chloride	No data available		
Lauryl dimethyl amine oxide	96 %	19 d	

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium carbonate	No data available	No data available
Sodium hypochlorite	No data available	-3.42
Sodium chloride	1.09 QSAR	0.54
Lauryl dimethyl amine oxide	> 87	< 2.7

Mobility

Component	End point	Value
Sodium carbonate	No data available	
Sodium hypochlorite	No data available	
Sodium chloride	No data available	
Lauryl dimethyl amine oxide	Koc	> 2113 Calculated

PBT and vPvB assessment

Component	Results
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Sodium carbonate	Not fulfilling PBT and vPvB criteria
Sodium hypochlorite	Not fulfilling PBT and vPvB criteria
Sodium chloride	Not fulfilling PBT and vPvB criteria
Lauryl dimethyl amine oxide	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	Sea transport	Air transport
UN number		3082	
UN proper shipping name		UN 3082, Environmentally Hazardous Liquid, n.o.s (Sodium Hypochlorite), 9, III, LTD QTY, Marine Pollutant	
Transport hazard class(es)		9	
Packing group		III	
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

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.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental

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