

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



OFF!™ EXPLORE™ BITE AND ITCH RELIEF FIRST AID ANTISEPTIC

Version 1.1

Print Date 05/01/2015

Revision Date 04/15/2015

SDS Number 350000022325

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : OFF!™ EXPLORE™ BITE AND ITCH RELIEF FIRST AID ANTISEPTIC

Recommended use : Afterbite

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

Hazard classification	Hazard category	Hazards identification
Germ cell mutagenicity	Category 2	Suspected of causing genetic defects.
Specific target organ toxicity - single exposure	Category 2	May cause damage to organs.
Specific target organ toxicity - repeated exposure	Category 2	May cause damage to organs through prolonged or repeated exposure.

Labelling

Hazard symbols

Health hazard

Signal word

Warning

Hazard statements

Suspected of causing genetic defects.
May cause damage to organs.

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May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Get medical advice/ attention if you feel unwell.
Call a POISON CENTRE or doctor/physician if exposed or you feel unwell.
Store locked up.
Dispose of contents/ container to an approved incineration plant.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Do not breathe spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Camphor	76-22-2	1.00 - 5.00
Phenol	108-95-2	1.00 - 5.00

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.

4. FIRST AID MEASURES

Eye contact : No special requirements
Skin contact : No special requirements
Inhalation : No special requirements.
Ingestion : No special requirements

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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. Do not allow run-off from fire fighting to enter drains or water courses.
- Further information** : Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear personal protective equipment.
Obtain special instructions before use.
Wear protective gloves/ eye protection/ face protection.
Wash thoroughly after handling.
- Environmental precautions** : Do not flush into surface water or sanitary sewer system.
Use appropriate containment to avoid environmental contamination.
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.
Do not breathe vapours, mist or gas.
Wash thoroughly after handling.

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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.
Keep away from food, drink and animal feedingstuffs.
Keep in a dry, cool and well-ventilated place.
Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Camphor	76-22-2	2 mg/m ³	-	-	OSHA TWA
Camphor	76-22-2	-	3 ppm	-	ACGIH STEL
Camphor	76-22-2	-	2 ppm	-	ACGIH TWA
Phenol	108-95-2	-	5 ppm	-	ACGIH TWA
Phenol	108-95-2	19 mg/m ³	5 ppm	-	OSHA TWA

Personal protective equipment

Respiratory protection : Do not spray in enclosed areas.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : transparent yellow
- Odor** : characteristic

- Odour Threshold** : No data available

- pH** : No data available

- Melting point/freezing point** : No data available
- Initial boiling point and boiling range** : No data available
- Flash point** : 96 °C
204.8 °F
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** : No data available

- Vapour density** : No data available

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Relative density	:	1.082 g/cm ³	
Solubility(ies)	:	insoluble	
Partition coefficient: n-octanol/water	:	No data available	
Auto-ignition temperature	:	Not applicable	
Decomposition temperature	:	No data available	
Viscosity, dynamic	:	No data available	
Viscosity, kinematic	:	No data available	
Oxidizing properties	:	not determined	
Volatile Organic Compounds Total VOC (wt. %)*	:	6.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
Other information	:	None identified	:

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	:	Stable under recommended storage conditions.
Conditions to avoid	:	Direct sources of heat.
Incompatible materials	:	None known.

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

11. TOXICOLOGICAL INFORMATION

- Emergency Overview** : Warning
- Acute oral toxicity** : LD50 Oral
Calculated
> 5,000 mg/kg
May cause abdominal discomfort.
- Acute inhalation toxicity** : LC50
Calculated
> 5 mg/l
May cause irritation of respiratory tract.
- Acute dermal toxicity** : LD50 Dermal
Calculated
> 2,000 mg/kg
No data available

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	Category 2	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-

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Specific target organ toxicity - single exposure	Category 2	-
Specific target organ toxicity - repeated exposure	Category 2	-
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
Camphor	No data available			
Phenol				

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Camphor	EC50 QSAR	Daphnia magna (Water flea)	9,303 mg/l	48 h
Phenol				

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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Camphor	EC50 QSAR	Algae	6,951 mg/l	96 h
Phenol				

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Camphor	77 %	28 d	Readily biodegradable
Phenol			

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Camphor	No data available	2.414
Phenol		

Mobility

Component	End point	Value
Camphor	Koc	2068
Phenol		-

PBT and vPvB assessment

Component	Results
Camphor	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

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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

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 Protection Act (CEPA).

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

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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