

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



Off! Skintastic Familycare Insect Repellent Spray (liquid, APVMA No. 51713)

Version 1.1

Print Date 11.12.2019

Revision Date 18.07.2019

SDS Number 350000005584

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|--------------------------------------|--|
| Product identifier | : Off! Skintastic Familycare Insect Repellent Spray (liquid, APVMA No. 51713) |
| Other means of Identification | : 350000005584 |
| Recommended use | : Insect Repellent |
| Restrictions on use | : Use only as directed on label |
| Australia | : S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111 |
| New Zealand | : S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850 |
| Emergency telephone numbers | : Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850 |
| Poison Information Contacts | : Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON |

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Statement of Hazardous Nature (Australia)

Globally Harmonized System (GHS) Classification

| Hazard classification | Hazard category | Hazards identification |
|-----------------------|-----------------|------------------------------|
| Flammable liquids | Category 3 | Flammable liquid and vapour. |

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| | | |
|----------------|------------|--------------------------------|
| Eye irritation | Category 2 | Causes serious eye irritation. |
|----------------|------------|--------------------------------|

* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

Statement of Hazardous Nature (New Zealand)

HSNO Classification (NZ): : 3.1C
6.4A

Labelling - Australia **

Hazard symbols



Flame
Exclamation mark

Signal word
Warning

Hazard statements
(H226) Flammable liquid and vapour.
(H319) Causes serious eye irritation.

Precautionary statements
(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P303 + P361 + P353) IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
(P337 + P313) If eye irritation persists: Get medical advice/ attention.

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(P501) Dispose of contents/ container to an approved incineration plant.
(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Other hazards : None identified

** The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

Labelling- New Zealand

Refer Australian labelling above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No. | Weight percent |
|---------------------------------|-------------|----------------|
| Ethyl alcohol | 64-17-5 | 30.00 - 40.00 |
| Icaridine | 119515-38-7 | 10.00 - 20.00 |
| Other non-hazardous ingredients | various | Balance to 100 |

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 : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If you suspect a reaction to this product, discontinue use and remove contaminated clothing.

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

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Indication of any immediate medical attention and special treatment needed : See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from substance : Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment and precautions for fire fighters : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids, consider containment to prevent the spread of fire. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Hazchem Code : •2Y

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Wear personal protective equipment.
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.

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Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with eyes and lips.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Wash thoroughly after handling.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.
Use only non-sparking tools.
Use explosion-proof equipment.
Ground/bond container and receiving equipment.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.
Keep away from food, drink and animal feedingstuffs.
Keep tightly closed.
Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Components | CAS-No. | mg/m ³ | ppm | Non-standard units | Basis |
|------------|---------|-------------------|-----|--------------------|-------|
|------------|---------|-------------------|-----|--------------------|-------|

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| | | | | | |
|---------------|---------|-------------|-----------|---|------------|
| Ethyl alcohol | 64-17-5 | 1,880 mg/m3 | 1,000 ppm | - | AU_OESTWAS |
| Ethyl alcohol | 64-17-5 | 1,880 mg/m3 | 1,000 ppm | - | NZ_WELTWA |

Personal protective equipment

- Respiratory protection** : Do not spray in enclosed areas.
- Hand protection** : No special requirements.
- 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
- Color** : clear
- Odor** : characteristic
- Odour Threshold** :
- pH** : Not applicable
- Melting point/freezing point** :
Initial boiling point and boiling range :
- Flash point** : 26 °C
78.8 °F

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| | | |
|---|---|------------------------|
| Evaporation rate | : | |
| Flammability (solid, gas) | : | Sustains combustion |
| Upper/lower flammability or explosive limits | : | |
| Vapour pressure | : | |
| Vapour density | : | |
| Relative density | : | 0.93 g/cm ³ |
| Solubility(ies) | : | soluble |
| Partition coefficient: n-octanol/water | : | |
| Auto-ignition temperature | : | |
| Decomposition temperature | : | |
| Viscosity, dynamic | : | |
| Viscosity, kinematic | : | |
| Oxidizing properties | : | |
| Other information | : | None identified |

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10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents
None known.

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 > 5.1 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

| 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 |

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| | | |
|--|----------------------------|------------------|
| Acute toxicity | No classification proposed | Inhalation - Gas |
| Skin corrosion/irritation | No classification proposed | - |
| Eye irritation | Category 2 | - |
| Skin sensitisation [^] | No classification proposed | - |
| Respiratory sensitisation [^] | No classification proposed | - |
| Germ cell mutagenicity | No classification proposed | - |
| Carcinogenicity | 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 : Do not apply to cuts or irritated skin.

* Classification not adopted by Australia

[^] Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

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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 |
|---------------|------------------------------------|-------------------------------------|-------------|---------------|
| Ethyl alcohol | LC50 | Fish | 11,200 mg/l | 96 h |
| Icaridine | LC50 | Oncorhynchus mykiss (rainbow trout) | 173 mg/l | 96 h |
| | flow-through test NOEC Measured | Danio rerio (zebra fish) | 3.19 mg/l | 32 d |

Toxicity to aquatic invertebrates

| Components | End point | Species | Value | Exposure time |
|---------------|-----------------------------|----------------------------|------------|---------------|
| Ethyl alcohol | static test LC50 NOEC | Ceriodaphnia dubia | 5,012 mg/l | 48 h |
| | | Daphnia magna | 9.6 mg/l | 9 d |
| Icaridine | EC50 | Daphnia magna (Water flea) | > 100 mg/l | 48 h |

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|---------------|----------------|--|----------|---------------|
| Ethyl alcohol | Static EC50 | Chlorella vulgaris (Fresh water algae) | 275 mg/l | 72 h |

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| | | | | |
|-----------|--|--|--|--|
| | | | | |
| Icaridine | | | | |

Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|---------------|----------------|---------------|----------------------------|
| Ethyl alcohol | 84 % | 20 d | Readily biodegradable. |
| Icaridine | < 1 % | 28 d | Not readily biodegradable. |

Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|---------------|-------------------------------|---|
| Ethyl alcohol | 3.2 estimated | -0.35 Measured |
| Icaridine | No data available | No data available |

Mobility

| Component | End point | Value |
|---------------|-------------------|-------|
| Ethyl alcohol | No data available | |
| Icaridine | No data available | |

PBT and vPvB assessment

| Component | Results |
|---------------|--------------------------------------|
| Ethyl alcohol | Not fulfilling PBT and vPvB criteria |
| Icaridine | Not fulfilling PBT and vPvB criteria |

Other adverse effects : None known.

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13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : PESTICIDAL WASTE:
For disposal information, please read and follow Disposal instructions on the pesticide label.
Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

| | Land transport § | Sea transport | Air transport |
|--|--|--|--|
| UN number | 1170 | 1170 | 1170 |
| UN proper shipping name | Ethanol Solution (Ethyl Alcohol) | Ethanol Solution (Ethyl Alcohol) | Ethanol Solution (Ethyl Alcohol) |
| Transport hazard class(es) | 3 | 3 | 3 |
| Packing group | III | III | 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. |

Hazchem Code : •2Y

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[§] **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

15. REGULATORY INFORMATION

Poisons Schedule (Australia): : NOT SCHEDULED

HSNO Classification (NZ): : 3.1C
6.4A

HSNO Approval Number (NZ): : Cosmetic Products Group Standard 2017 - HSR002552

16. OTHER INFORMATION

Revision Date: 18.07.2019

Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

Further information

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