

SAFETY DATA SHEET

GO![®] INSECT REPELLENT

SECTION 1: PRODUCT AND MANUFACTURER IDENTIFICATION

PRODUCT IDENTIFIER: GO![®] Insect Repellent

VARIANTS: Family Protection and Just 4 Kids

INTENDED USE: Insect repellent for skin application

MANUFACTURER: McBride Caribbean Ltd
Lowlands
Christ Church, BB17046
BARBADOS.
Tel: (246)-4287766
Fax: (246)-4283414
Web: <http://www.mcbridecaribbeanltd.com/>

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION

Flammable aerosol, Category 1

Eye irritant, Category 2A

LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS:



Hazard Statements

H222 Extremely flammable aerosol
H229 Pressurised container: May burst if heated
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.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P305+P351+P338 } IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
P337+P313 } present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/
attention.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS # | EINECS | Weight % | GHS Classification |
|--------------------------------|------------|-----------|----------|--------------------|
| Ethanol | 64-17-5 | 200-578-6 | > 25 | H225, H319 |
| Liquefied Petroleum Gas | 68476-86-8 | 270-705-8 | > 10 | H220, H280, H336 |
| Isopropyl Myristate | 110-27-0 | 203-751-4 | 1-5 | H320 |
| N,N-diethyl-m-toluamide (DEET) | 134-62-3 | 205-149-7 | 5-15 | H319 |

Consult Section 16 for full text of H-statements referenced in this section but not in Section 2.

SECTION 4: FIRST AID MEASURES

- EYES:** Flush with water for 15 minutes. Remove contact lenses if present. Seek medical attention if irritation occurs.
- SKIN:** If an adverse reaction occurs wash area with soap and water and seek medical advice.
- INGESTION:** Rinse mouth with water and seek medical attention.
Note to Physician: Product contains ethanol.
- INHALATION:** Remove to fresh air, keep warm and rest.

SECTION 5: FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical or alcohol-resistant foam
- FIRE AND EXPLOSION HAZARDS:** Pressurised container may rupture when exposed to heat.
- FIRE FIGHTING PROCEDURES:** Cool aerosol containers with water spray. Use of large quantities of water may cause fire to spread. Self-contained breathing apparatus should be worn.
- HAZARDOUS DECOMPOSITION PRODUCTS:** May produce fumes of carbon dioxide and carbon monoxide on burning.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- PROTECTIVE EQUIPMENT:** Wear impervious gloves/overalls/footwear, eye protection and a vapour absorbing face mask when cleaning up spillage.
- CLEAN-UP PROCEDURE:** Remove ignition sources from the area. Vapour is denser than air and may flow to a distant ignition source. Contain spillage, preventing entry into drains and waterways. Use a mop for small spills (≈5 litres) and sand/kieselguhr or other inert material to absorb larger spills. Place in drum/barrel for disposal. Do not mix with other waste.
- DISPOSAL:** Dispose of waste in accordance with local regulations. Seek guidance from McBride Caribbean Ltd if necessary.

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SECTION 6 NOTES: Failure to contain a spill must be communicated to both the relevant local authority and McBride Caribbean Ltd.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat/sparks/open flame/hot surfaces. No smoking. Avoid contact with plastics, synthetic materials and painted/varnished surfaces.

STORAGE: Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Do not store near food or animal feed. Do not store near oxidizing agents as this could aggravate a fire situation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Avoid contact with eyes. Do not inhale spray mist.

ENGINEERING CONTROLS: Use in well a ventilated area.

RESPIRATORY PROTECTION: Not required under normal use conditions. Vapour absorbing face mask required in the event of large scale release.

EYE PROTECTION: Not required under normal use conditions. Chemical safety goggles are recommended if splashes are likely.

HAND PROTECTION: Not required under normal use conditions. Impervious, hydrocarbon resistant gloves are recommended if exposure to large volumes of liquid is likely.

SKIN PROTECTION: Not required under normal use conditions. Protective overalls and slip resistant footwear are recommended if contact with liquid is likely.

All personal protective equipment must comply with the appropriate occupational safety standards and should be maintained and stored in a manner that ensures continued suitability for use. Individuals should be trained in the effective use and maintenance of the equipment.

EXPOSURE LIMITS:

n-Butane: TWA 800 ppm, 1900 mgm⁻³ (NIOSH REL)
Propane: TWA 1000 ppm, 1800 mgm⁻³ (NIOSH REL)
Ethanol: TWA 1000 ppm, 1900 mgm⁻³ (NIOSH REL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: An aerosol product

ODOUR: Characteristic

SPECIFIC GRAVITY (H₂O = 1): ≈0.8

SOLUBILITY IN WATER: Partially soluble

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SECTION 10: STABILITY AND REACTIVITY

| | |
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| CONDITIONS TO AVOID: | Direct sunlight, temperatures exceeding 50 °C, sparks, open flame, hot surfaces and other sources of ignition. |
| INCOMPATIBLE MATERIALS: | Strong oxidizing agents |
| HAZARDOUS DECOMPOSITION PRODUCTS: | May produce fumes of carbon monoxide and carbon dioxide on burning |

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|-------------------------------------|--|
| Acute oral toxicity estimate: | > 5000 mg/Kg |
| Acute dermal toxicity estimate: | > 5000 mg/Kg |
| Acute inhalation toxicity estimate: | > 20 mg/L (vapour) |
| INHALATION: | May be irritating to the nasal passages and upper respiratory tract. |
| SKIN: | May cause irritation following prolonged contact. |
| EYES: | Causes serious eye irritation. |
| INGESTION: | May cause irritation of the mouth and upper digestive tract. |

SECTION 12: ECOLOGICAL INFORMATION

This product is not classified as hazardous to the aquatic environment. Do not release into surface waters.

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|--------------------------|---|
| EMPTY CONTAINERS: | Pressurised container: Do not pierce or burn, even after use. In the absence of recycling facilities, place in household trash. |
| SURPLUS STOCKS: | Seek guidance from local waste authority or McBride Caribbean Ltd. |
| SPILLAGES: | See Section 6. Dispose of waste in accordance with local regulations. Seek guidance from McBride Caribbean Ltd if necessary. |

SECTION 14: TRANSPORT INFORMATION

This product is considered "Dangerous for Transport".

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|---------------------------------|--|
| UN NUMBER: | UN1950 |
| UN PROPER SHIPPING NAME: | Flammable Aerosol |
| HAZARD CLASS: | 2.1 |
| PACKING GROUP: | Not Applicable |
| ENVIRONMENTAL HAZARDS: | Not classified as hazardous to the environment |

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SECTION 15: REGULATORY INFORMATION

This data sheet was prepared in accordance with the criteria set out under the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

This product is an insect repellent and is subject to pesticide regulations and labelling standards. While some countries have adopted the GHS their pesticide labelling requirements differ from the GHS classification criteria and hazard information required for safety data sheets. In such instances labelling standards take precedence over the GHS. Hence, product labels bear the signal word CAUTION along with the precautionary statements, pictogram(s) and pictogram format specified in the aforementioned standards.

SECTION 16: OTHER INFORMATION

Full text of H-statements referred to under Section 3

| | |
|------|--|
| H220 | Extremely flammable gas |
| H225 | Highly flammable liquid and vapour |
| H280 | Contains gas under pressure, may explode if heated |
| H320 | Causes eye irritation |
| H336 | May cause drowsiness or dizziness |

DISCLAIMER: This safety data sheet is accurate to the best of our knowledge and is based on information considered to be reliable at the time of preparation. It is furnished without warranty.

LAST REVISION: July 25, 2013

REVISION NOTE: Amended and re-issued following a document review.

END OF SAFETY DATA SHEET