

# SAFETY DATA SHEET

## BOP® INSECTICIDE SPRAY

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### SECTION 1: PRODUCT AND MANUFACTURER IDENTIFICATION

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**PRODUCT IDENTIFIER:** BOP® Insecticide Spray

**OTHER VARIANTS:** Citronella and Evergreen versions of BOP® Insecticide Spray

**INTENDED USE:** Household insecticide, for use against flying and crawling insects

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

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### SECTION 2: HAZARDS IDENTIFICATION

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#### CLASSIFICATION

Flammable aerosol, Category 1  
Aspiration hazard, Category 1  
Hazardous to the aquatic environment (acute & chronic), Category 1  
Specific target organ toxicity, single exposure (narcotic effects), Category 3

Skin irritant, Category 2  
Eye irritant, Category 2B

#### LABEL ELEMENTS

**SIGNAL WORD:** DANGER

#### PICTOGRAMS:



#### Hazard Statements

H222 Extremely flammable aerosol  
H229 Pressurized container: May burst if heated  
H304 May be fatal if swallowed and enters airways  
H315+H320 Causes skin and eye irritation  
H336 May cause drowsiness or dizziness  
H410 Very toxic to aquatic life with long lasting effects

#### Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

# SAFETY DATA SHEET

## BOP® INSECTICIDE SPRAY

### Precautionary Statements *continued*

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.
P261	Avoid breathing mist/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the aquatic environment.
P301+P310 P331	} IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
P302+P352 P332+P313	} IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical advice/attention.
P304+P340 P312	} IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 P337+P313	} 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.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local regulations.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient	CAS #	EINECS	Weight %	GHS Classification
Petroleum Distillates	-	-	> 25	H226, H304, H315, H320, H336
Liquefied Petroleum Gas	68476-86-8	270-705-8	> 25	H220, H280, H336
MGK 264	113-48-4	204-029-1	< 1.0	H316, H317, H320, H411
Piperonyl Butoxide	51-03-6	200-076-7	< 1.0	H315, H320, H410
Tetramethrin	7696-12-0	231-711-6	< 1.0	H320, H410
d-Allethrin	584-79-2	209-542-4	< 1.0	H315, H320, H410
Cypermethrin	52315-07-8	257-842-9	< 1.0	H315, H317, H320, H410
Fragrance	-	-	< 1.0	H315, H317, H411

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

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### SECTION 4: FIRST AID MEASURES

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**EYES:** Flush with water for 15 minutes. Remove contact lenses if present. Seek medical attention if irritation occurs.

**SKIN:** Wash with soap and water. Seek medical attention if irritation occurs.

**INGESTION:** Rinse mouth with water, do NOT induce vomiting, seek medical attention.  
**Note to Physician: Product contains petroleum distillates.**

**INHALATION:** Remove to fresh air, keep warm and rest.

# SAFETY DATA SHEET

## BOP<sup>®</sup> INSECTICIDE SPRAY

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### SECTION 5: FIRE-FIGHTING MEASURES

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

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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<b>PROTECTIVE EQUIPMENT:</b>	Wear impervious gloves/overalls/footwear, eye protection and a vapour absorbing face mask when cleaning up spillage.
<b>CLEAN-UP PROCEDURE:</b>	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 plastic barrel for disposal. Do not mix with other waste.
<b>DISPOSAL:</b>	Dispose of waste in accordance with local regulations. Seek guidance from McBride Caribbean Ltd if necessary.
<b>SECTION 6 NOTES:</b>	Failure to contain a spill must be communicated to both the relevant local authority and McBride Caribbean Ltd.

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### SECTION 7: HANDLING AND STORAGE

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<b>HANDLING:</b>	Keep away from heat/sparks/open flame/hot surfaces. No smoking. Wash hands after use.
<b>STORAGE:</b>	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.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>EXPOSURE GUIDELINES:</b>	Avoid contact with eyes and skin. Do not inhale spray mist. Leave area for at least 10 minutes following treatment.
<b>ENGINEERING CONTROLS:</b>	Use in well ventilated areas.
<b>RESPIRATORY PROTECTION:</b>	Not required under normal use conditions. Vapour absorbing face mask required in the event of large scale release.
<b>EYE PROTECTION:</b>	Not required under normal use conditions. Chemical safety goggles are recommended if splashes are likely.

# SAFETY DATA SHEET

## BOP<sup>®</sup> INSECTICIDE SPRAY

**HAND PROTECTION:** Not required under normal use conditions. Impervious, hydrocarbon resistant gloves are recommended if contact with 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<sup>-3</sup> (NIOSH REL)  
**Propane:** TWA 1000 ppm, 1800 mgm<sup>-3</sup> (NIOSH REL)  
**Petroleum Distillates:** OEL 1200 mgm<sup>-3</sup> (CEFIC-HSPA)

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** An aerosol product  
**ODOUR:** Characteristic  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** ≈0.6  
**SOLUBILITY IN WATER:** Insoluble

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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

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### SECTION 11: TOXICOLOGICAL INFORMATION

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Acute oral toxicity estimate: > 5000 mg/Kg

Acute dermal toxicity estimate: > 5000 mg/Kg

Acute inhalation toxicity estimate: > 20 mg/L (vapour)

**INHALATION:** Prolonged exposure to mist may cause headache, drowsiness, loss of coordination, narcosis, coma or death from asphyxiation depending on concentration and time of exposure.

**SKIN:** Causes skin irritation

**EYES:** Causes eye irritation

**INGESTION:** Aspiration may occur following deliberate misuse resulting in chemical pneumonia, lung damage or death.

# SAFETY DATA SHEET

## BOP<sup>®</sup> INSECTICIDE SPRAY

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### SECTION 12: ECOLOGICAL INFORMATION

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The pyrethroid insecticides in this product are highly toxic to bees as well as fish and other aquatic organisms. Do not release into surface waters.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**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.

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### SECTION 14: TRANSPORT INFORMATION

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This product is considered “Dangerous for Transport”.

**UN NUMBER:** UN1950  
**UN PROPER SHIPPING NAME:** Flammable Aerosol  
**HAZARD CLASS:** 2.1  
**PACKING GROUP:** Not Applicable  
**ENVIRONMENTAL HAZARDS:** Marine pollutant

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### SECTION 15: REGULATORY INFORMATION

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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 insecticide and is therefore 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.

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### SECTION 16: OTHER INFORMATION

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#### Full text of H-statements referred to under Section 3

H220	Extremely flammable gas
H226	Flammable liquid and vapour
H280	Contains gas under pressure, may explode if heated
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long lasting effects

## **SAFETY DATA SHEET**

### **BOP® INSECTICIDE SPRAY**

**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.

**FIRST ISSUED:**

July 18, 2003

**LAST REVISED:**

July 2, 2013

**REVISION NOTE:**

Amended and re-issued following a document review.

**END OF SAFETY DATA SHEET**