

SAFETY DATA SHEET

BEEP® DISINFECTANT SPRAY

SECTION 1: PRODUCT AND MANUFACTURER IDENTIFICATION

PRODUCT IDENTIFIER: BEEP® Disinfectant Spray

VARIANTS: Fresh Air, Island Breeze, Original

INTENDED USE: Household disinfectant spray, for use as a surface disinfectant or sanitiser

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 Pressurized 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.

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Precautionary Statements *continued*

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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
Phenoxyethanol	122-99-6	204-589-7	< 5	H320
Fragrance	-	-	< 1	H315, H317, H319, H411

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

INGESTION: Rinse mouth with water and seek medical attention.

Note to Physician: Product contains denatured ethanol.

INHALATION: Remove to fresh air 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 plastic barrel for disposal. Do not mix with other waste.

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DISPOSAL: Dispose of waste in accordance with local regulations. Seek guidance from McBride Caribbean Ltd if necessary.

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. Do not use on wood, painted surfaces or acrylic plastics.

STORAGE: Protect from sunlight. Do not expose to temperatures exceeding 50 °C. 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 and skin. Do not inhale spray mist.

ENGINEERING CONTROLS: Use in well ventilated areas.

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 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⁻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): ≈0.75

SOLUBILITY IN WATER: Partially soluble

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SECTION 10: STABILITY AND REACTIVITY

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:	Repeated or prolonged contact may cause dryness.
EYES:	Causes serious eye irritation
INGESTION:	May cause irritation to 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".

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 product has been classified in accordance with the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

While some countries have adopted the GHS for safety data sheets other label systems are in use for consumer products. Hence, the format of the pictogram(s) on the product label differs from that of the safety data sheet.

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
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H320	Causes eye irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

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.

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END OF SAFETY DATA SHEET