

SAFETY DATA SHEET

LIQUID HAND SANITIZER

SECTION 1: PRODUCT AND MANUFACTURER IDENTIFICATION

PRODUCT IDENTIFIER: Liquid Hand Sanitizer

INTENDED USE: Hand sanitizer

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 liquid, Category 2

Eye irritant, Category 2A

LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS:



Hazard Statements

H225 Highly 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.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/eye protection

SAFETY DATA SHEET

LIQUID HAND SANITIZER

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.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 P403+P235 P501	In case of fire: Use carbon dioxide, dry chemical or alcohol-resistant foam to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	EINECS	Volume %	GHS Classification
Ethanol	64-17-5	200-578-6	> 70	H225, H319
Glycerin	56-81-5	200-289-5	1-5	---

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. Water streams may cause fire to spread, if necessary limit to water spray.
FIRE FIGHTING PROCEDURES:	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.
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SAFETY DATA SHEET

LIQUID HAND SANITIZER

CLEAN-UP PROCEDURE:	Remove ignition sources from the area. 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.
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.
STORAGE:	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.
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 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:

Ethanol: TWA 1000 ppm, 1900 mgm⁻³ (NIOSH REL)

SAFETY DATA SHEET

LIQUID HAND SANITIZER

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colourless liquid
ODOUR: Characteristic
SPECIFIC GRAVITY (H₂O = 1): ≈0.84
SOLUBILITY IN WATER: Miscible

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, 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: In the absence of recycling facilities, place in household trash. Do not reuse container.
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.

SAFETY DATA SHEET

LIQUID HAND SANITIZER

SECTION 14: TRANSPORT INFORMATION

This product is considered “Dangerous for Transport”.

UN NUMBER:	UN1170
UN PROPER SHIPPING NAME:	Ethanol Solutions
HAZARD CLASS:	3
PACKING GROUP:	II
ENVIRONMENTAL HAZARDS:	Not classified as hazardous to the environment

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).

SECTION 16: OTHER INFORMATION

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