



SAFETY DATA SHEET

LIQUID HAND SANITIZER 70%

Issue Number 1, Issue Date 2022.01.20

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name:	Liquid Hand Sanitizer 70%
Manufacturer and Supplier	CHEM CLEAN LTD
Address:	#58-60 Century Drive Trincity Industrial Estate Macoya Trinidad and Tobago
Telephone Number	(868)-223-2436
Website:	www.chemclean.solutions
Recommended use:	Sanitizer
Restriction on use:	For specific intended-use guidance, please refer to the information provided on the package or Product Data Sheet.

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids Category 3

Eye irritation: Category 2A

GHS Label element

Hazard pictograms:



Signal Word: Warning

Hazard Statements: H226: Flammable liquid and vapour
H319: Causes serious eye irritation

Precautionary Statements: P102: Keep out of reach of children.
P103: Read label before use.

Prevention Precautionary Statements: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.

Response Precautionary Statements: 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.

P303 + P361 + P353 IF ON SKIN (or hair) and irritation occurs: Take off immediately all contaminated clothing. Rinse skin with water/shower.

Storage Precautionary Statements: P404: Store in a closed container.

P403+233: Store in a well ventilated place. Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	CHEMICAL NAME	CONCENTRATION (%)
67-63-0	Isopropyl Alcohol	70-71

Any concentration shown as a range is to protect confidentiality.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

General Advice	<ul style="list-style-type: none"> ◆ In the case of accident or if you feel unwell, seek medical advice immediately. ◆ Show this Safety Data Sheet to the Doctor in attendance
Skin Contact	<ul style="list-style-type: none"> ◆ If symptoms occur, wash with water and soap as a precaution.
Eye Contact	<ul style="list-style-type: none"> ◆ In case of eye contact, remove contact lens (if worn) and flush eyes immediately with plenty of water, also under the eyelids, for at least 15 minutes.

	<ul style="list-style-type: none"> ◆ Immediate medical attention is required, if symptoms occur.
Inhalation	<ul style="list-style-type: none"> ◆ If affected, move to fresh air and keep at rest in a position comfortable for breathing. ◆ If not breathing, give artificial respiration. ◆ Immediate medical attention is required..
Ingestion	<ul style="list-style-type: none"> ◆ Wash out mouth with water. Remove dentures if any. ◆ Remove victim to fresh air and keep at rest in a position comfortable for breathing. ◆ If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. ◆ Do not induce vomiting unless directed to do so by medical personnel. ◆ If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. ◆ Never give anything by mouth to an unconscious person. ◆ If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> ◆ 18°C
Suitable Extinguishing Media	<ul style="list-style-type: none"> ◆ Use a CO₂ or dry chemical fire extinguisher ◆ DO NOT use water
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> ◆ N/A
Specific Hazards	<ul style="list-style-type: none"> ◆ Cool exposed containers with water spray to prevent pressure build-up ◆ Must wear NIOSH approved self-contained breathing apparatus and protective clothing
Special exposure hazards arising from the substance, or preparation itself, its combustion products or released gases	<ul style="list-style-type: none"> ◆ No further relevant information available.
Special Protective Equipment for fire-fighters	<ul style="list-style-type: none"> ◆ No special measures required
Specific Methods	<ul style="list-style-type: none"> ◆ Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	<ul style="list-style-type: none"> ◆ Do not get in eyes or do not swallow ◆ May cause drowsiness or dizziness.
Environmental Precautions	<ul style="list-style-type: none"> ◆ Discharge in accordance with Government Regulations
Methods for cleaning up	<ul style="list-style-type: none"> ◆ Small spills: Wash down with large quantities of water in sanitary sewer ◆ Large spills: Dike to prevent runoff. Reclaim as much as possible. Absorb remainder with inert material (sand or vermiculite) and place in compatible container for disposal. Flush residue with large amounts of water into sanitary sewer.

7. HANDLING AND STORAGE

Handling

Safe Handling Advice	<ul style="list-style-type: none"> ◆ Do not get in eyes or do not swallow ◆ Keep away from heat/sparks/ open flames/hot surfaces – No smoking
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Storage

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Keep containers tightly closed in a cool, dry area. ◆ Store in a cool location ◆ Do not reuse empty containers – they may contain residues
Incompatible Products	<ul style="list-style-type: none"> ◆ None determined
Specific use(s)	<ul style="list-style-type: none"> ◆ Antiseptic

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Measures	◆ N/A
Personal Protective Equipment	
Hand Protection	◆ N/A
Eye Protection	◆ N/A
Respiratory Protection	◆ None required
Skin and Body Protection	◆ N/A
Hygiene Measures	◆ N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Varies
Odor	Varies
Molecular Wt.	N/A
pH	8.0 – 10.0
Boiling pt	87 °C
Specific gravity	0.88 @ 25 °C

Viscosity (CSTS)	Not specified
Solubility in water	100%
Vapor Pressure	33 mmHg
Vapor Density (AIR=1)	2.07
Evaporation Rate (WATER:1)	N/A
Freezing Point	N/A
Volatile Organic Compounds	N/A

10. STABILITY AND REACTIVITY

Stability	◆ Stable under normal conditions
Conditions to avoid	◆ Open Flames, direct sunlight, sources of ignition
Materials to avoid	◆ Oxidizing agents, strong acids, strong bases, ammonia, chlorine
Hazardous Decomposition Products	◆ Burning may produce carbon monoxide and carbon dioxide contamination
Polymerization	◆ Will not occur

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: eye contact, ingestion

Potential Health Effects:

Eyes: Causes serious eye irritation.

Skin: May cause irritation and dryness after prolonged contact.

Inhalation: N/A.

Ingestion: Can cause nausea, headache and abdominal pain if ingested.

Chronic exposure: Health injuries are not known or expected under normal use.

Acute inhalation toxicity: No data available

Skin corrosion/toxicity: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Carcinogenicity: No data available

Reproductive effects: No data available

Germ cell mutagenicity: No data available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations.

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues/Unused products	Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations. Consult your local, state or federal Environmental Protection Agency before disposing of any chemicals. Refer to the Environmental Management
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	Authority (EMA) for complete waste disposal regulations.
Contaminated Packaging	Empty containers should be taken for recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Domestic (Land, D.O.T.)

UN Number: 1219
 UN Proper Shipping Name: ISOPROPANOL (ISOPROPYL ALCOHOL)
 Hazard label: 3
 Packing Group: II

International (IMDG, I.M.O.)

UN Number: 1219
 UN Proper Shipping Name: ISOPROPANOL (ISOPROPYL ALCOHOL)
 Transport Hazard Class: 3
 Packing Group: II
 Marine pollutant: No

Limited Quantities: 1L
 Packing Instructions: P001
 IBC Instructions: IBC02
 EmS: F-E, S-D



Air transport (IATA)

UN Number: 1219
 Hazard label: 3
 Packaging Group: II
 Limited Quantities: 1L

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

The information in the Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, we assume no liability resulting from use of SDS information.

End of Safety data sheet