

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

Product Name: Hansan W

Manufacturer and Supplier: CHEM CLEAN LTD

Address: #58-60 Century Drive
Trincity Industrial Estate
Macoya
Trinidad and Tobago

EMERGENCY TELEPHONE NUMBER: (868) 223 2436

Recommended use: Waterless Hand Sanitizer

Restrictions on use: For specific intended use, 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	CHEMICAL NAME	CONCENTRATION %
67-63-0	Aliphatic Alcohol	62 - 63

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 for at least 15 minutes. ◆ Immediate medical attention is required if symptoms occur.

Inhalation	<ul style="list-style-type: none"> ◆ If inhaled and dizziness occurs, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	<ul style="list-style-type: none"> ◆ Do not induce vomiting. ◆ Rinse mouth thoroughly with water. ◆ Immediate medical attention is required if symptoms occur.
Aggravated Medical Conditions	<ul style="list-style-type: none"> ◆ Causes serious eye irritation

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> ◆ 20°C
Suitable Extinguishing Media	<ul style="list-style-type: none"> ◆ Use a CO₂ (Carbon Dioxide) extinguisher ◆ Alcohol-resistant foam
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> ◆ High volume water jet
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	
Special Protective Equipment for fire-fighters	<ul style="list-style-type: none"> ◆ As in any fire, wear NIOSH approved self-contained breathing apparatus and full protective gear.
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. ◆ Remove all sources of ignition.
Environmental Precautions	<ul style="list-style-type: none"> ◆ Discharge in accordance with Government Regulations ◆ Prevent further leakage or spillage if safe to do so. ◆ Retain and dispose of contaminated wash water.
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

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Avoid contact with eyes ◆ Do not get in eyes or do not swallow
Safe Handling Advice	<ul style="list-style-type: none"> ◆ Avoid contact eyes

Storage

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Keep containers tightly closed in a cool, dry area. ◆ Keep away from heat and sources of ignition
Materials to avoid	<p>Do not store with the following product types:</p> <ul style="list-style-type: none"> ◆ Strong oxidising agents ◆ Flammable solids ◆ Organic peroxides ◆ Pyrophoric solids and liquids ◆ Explosives ◆ Gases

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<u>Engineering Measures</u>	◆ N/A
<u>Personal Protective Equipment</u>	
Hand Protection	◆ N/A
Eye Protection	◆ N/A
Respiratory Protection	◆ None required
Skin and Body Protection	◆ N/A
Hygiene Measures	◆ N/A
<u>Environmental Exposure Controls</u>	◆ N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State	Clear Gel
Color	Colorless
Odor	Mild Solvent

Important Health Safety and Environmental Information

Molecular Wt.	N/A
pH	7.0 – 8.5
Boiling pt	N/A
Specific gravity	0.890 – 0.999
Viscosity (CSTS)	Not specified
Solubility in water	100%
Vapor Pressure	N/A
Vapor Density (AIR=1)	N/A
Evaporation Rate (WATER:1)	N/A
Freezing Point	N/A
Volatile Organic Compounds (Total VOC's)	N/A

10. STABILITY AND REACTIVITY

Stability	◆ Stable under normal conditions
Conditions to avoid	◆ Open Flames
Hazardous Decomposition Products	◆ None determined
Polymerization	◆ Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Product Information

LD50/oral/rat	
<u>Local effects</u>	
Skin irritation	
Eye irritation	Product will cause irritation to eyes
Sensitization	
<u>Specific effects</u>	Can cause nausea and irritation if ingested
Carcinogenic Effects	None
Mutagenic Effects	Not determined
Reproductive toxicity	Not determined
Target Organ Effects	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

N/A

Component Information

CAS	Chemical Name	% Weight
N/A	N/A	N/A

Product information

N/A

Other Information

N/A

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 Authority (EMA) for complete waste disposal regulations
Contaminated Packaging	Empty containers should be taken for recycling, recovery or waste disposal
Further Information	

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

Other

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