



MATERIAL SAFETY DATA SHEET

HansanW

Revision Number 1b, Revision Date 17.01.11

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

Product Code IND171BT
Product Name HansanW

Synonyms Waterless Hand Sanitizer

Manufacturer and Supplier CHEM CLEAN LTD
 #1 Trincity Drive
 Trincity Industrial Estate
 Trincity
 Trinidad and Tobago

EMERGENCY TELEPHONE NUMBER (868) 223 2436

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	CHEMICAL NAME	% WEIGHT
***	Ethyl Alcohol	70 min

3. HAZARDS IDENTIFICATION

Emergency Overview:

- ◆ Based upon available toxicity information for this and closely related materials, it is anticipated that this material is harmful if swallowed.

Eye Contact	◆ This product will cause irritation by drying out the eyes' moisture
Skin Contact	
Inhalation	
Ingestion	◆ Harmful if swallowed
General Advice	◆ See First Aid Section
Properties affecting Health	◆ No effects indicated
Principle Routes of Exposure	◆ Eye

4. FIRST AID MEASURES

General Advice	◆ Show this Safety Data Sheet to the Doctor in attendance
Skin Contact	◆ None
Eye Contact	◆ In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

	<ul style="list-style-type: none"> ◆ Keep eyes wide open while rinsing ◆ Apply Eye Moisturizing Lotion if available ◆ Immediate medical attention is required
Inhalation	<ul style="list-style-type: none"> ◆ N/A
Ingestion	<ul style="list-style-type: none"> ◆ If swallowed, immediately drink a large quantity of water ◆ Do not induce vomiting ◆ Rinse mouth thoroughly ◆ Never give anything by mouth to an unconscious person ◆ Immediate medical attention is required
Aggravated Medical Conditions	<ul style="list-style-type: none"> ◆ N/A

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> ◆ 120°C
Suitable Extinguishing Media	<ul style="list-style-type: none"> ◆ Use a CO₂ (Carbon Dioxide) 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	
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
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

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.
Incompatible Products	<ul style="list-style-type: none"> ◆ None determined
Specific use(s)	<ul style="list-style-type: none"> ◆ Hand sanitizer

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<u>Engineering Measures</u>	<ul style="list-style-type: none"> ◆ N/A
<u>Personal Protective Equipment</u>	
Hand Protection	<ul style="list-style-type: none"> ◆ N/A
Eye Protection	<ul style="list-style-type: none"> ◆ N/A
Respiratory Protection	<ul style="list-style-type: none"> ◆ None required
Skin and Body Protection	<ul style="list-style-type: none"> ◆ N/A
Hygiene Measures	<ul style="list-style-type: none"> ◆ N/A
<u>Environmental Exposure Controls</u>	<ul style="list-style-type: none"> ◆ 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	7.0-7.5
Boiling pt	N/A
Specific gravity	1.12-1.13
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
Materials to avoid	◆ None known
Hazardous Decomposition Products	◆ None determined
Polymerization	◆ Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Product Information

LD50/oral/rat	
Local effects	
Skin irritation	
Eye irritation	Product will cause irritation to eyes
Sensitization	
Specific effects	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	
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14. TRANSPORT INFORMATION

Domestic (Land, D.O.T.)

Proper Shipping Name: ALCOHOL BASED – HAND SANITIZER
 Hazard label: 3
 UN Number: UN1987
 Packing Group: II
 Information reported for product/size: N/A

International (Water, I.M.O.)

Proper Shipping Name: ALCOHOL BASED – HAND SANITIZER
 Hazard Label: 3
 UN: UN1987
 Packing Group: II
 Information reported for product/size: N/A

Air transport

UN Number: UN1987
 Hazard label: 3
 Packaging Group: II

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

Literary Reference Sanitizing Products

Other The information in the Material 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 MSDS information.

End of Safety data sheet