

Safety Data Sheet

Alstasan Hand Rub

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Section 1.

Chemical Product and Company Identification

In case of any emergency, contact
Poison Control Center
1800-116-117

Product Name Alstasan Hand Rub
Product Description Alcohol based Handrub Disinfectant

Manufacturer's Name Chemtex Speciality Limited
Address Haute Street Corporate Park
86A Topsia Road (S),
Kolkata 700046

Supplier's Name Chemtex Speciality Limited
Address Haute Street Corporate Park
86A Topsia Road (S),
Kolkata 700046

Contact Information Ph: +91-33-7111-1111
Email info@chemtexlimited.com

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SDS Prepared 16/8/2014



SDS Revised 30/3/2018

Emergency Contact No. +91-33-7111-1111 Mail: info@chemtexlimited.com

Section 2.

Hazard Identification

Route of Entry Ingestion, Inhalation
Eyes Irritant. Inflammation of eyes characterized by redness, watering and itching.
Skin Irritant in case of direct contact. Skin irritation is characterized by itching, scaling, whitening and occasional blistering. Skin contact may produce burns.
Ingestion Swallowing this product may cause discomfort or GI disturbance. Prolonged exposure may result in ulceration.
Inhalation Lung sensitizer. Non hazardous in case of inhalation. Over exposure may cause irritation of respiratory pathways.
Sub Chronic, Chronic No application information was found concerning any potential health effects resulting from sub-chronic or chronic exposure to the product. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

OSHA Hazard Status		Hazardous			
Class	Pictogram (if available)	Hazard	Category	Hazard Statement	P codes
GHS02: Danger Warning - Flammable		H225, H226	Cat. 2	Highly flammable liquid and vapour	210, 233, 240, 241, 242, 243, 280, 303+361+35 3+ 370+378, 403+235, 501
GHS09: Warning - Environment Toxicity		H401	N/A	Toxic to aquatic life	

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P codes

- 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, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P337+313 If eye irritation persists get medical advice/attention.
P370+380+375 In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P405 Store locked up.
P403+233 Store in a well ventilated place. Keep container tightly closed.
P403+235 Store in a well ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3.

Composition/ Information on Ingredients

Ingredients	CAS No.	%
Ethyl Alcohol	64-17-5	70 v/v
CHG 20%	55-56-1	2.5 w/v

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Section 4. First Aid Measures

Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of cold water. Get medical attention immediately.
Skin	Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wash with soap and cover the contaminated skin with an emollient. Wash clothing and shoes before reuse. Seek immediate medical attention.
Ingestion	Do NOT induce vomiting unless directed by any medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY. IF EXPOSED, CALL POISON CONTROL CENTER/DOCTOR/PHYSICIAN.

Section 5. Fire Fighting Measures

Flammable	Yes		
Flash Point	>30°C		
Flammability Point (% by volume)			
Lower	3.3	Upper	19 N/A
Autoignition Temperature	363°C / 685.4F		
Extinguishing Media	Use water, dry chemicals or foam. CO2 may provide limited control.		

Fire Fighting Instructions Cool tanks/ drums with water spray/ remove them to safety. Do not move if exposed to heat.

Fire & Explosion Data Upon combustion, CO and CO2 are formed. Reacts violently with strong oxidizers. Violent to explosive reaction with acids.

Special Hazards Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Vapors may form explosive mixtures with air.

NFPA Symbol and Label

Health	2
Flamability	3
Reactivity	0
Special Notice	

Hazard Rating
4. Extreme
3. Serious
2. Moderate
1. Minimal
0. Slight

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Section 6.

Accidental Release Measures

Small Spill	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill	Corrosive liquid. Do not touch spilled material. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not get water inside container. Avoid contact with combustible materials such as wood, paper, oil, clothing. Keep substance damp using water spray. Prevent entry into sewers, basements or confined areas. Call for assistance on disposal.

Section 7.

Handling Measures & Storage

Handling	Keep container dry and tightly closed in a cool, well ventilated area. Separate from acids, alkalis, reducing agents and combustibles. Keep away from heat and other sources of ignition. Do not ingest. Do not breathe gas/fumes/vapor/spray. Avoid contact with skin and eyes. Never add water to this product.
Storage	[P314]Get medical advice/attention if you feel unwell.[P402+404]Store in a dry place. Store in a closed container.[P403+233]Store in a well ventilated place. Keep container tightly closed.[P403+235]Store in a well ventilated place. Keep cool.

Section 8.

Exposure Controls & Personal Protection

Exposure Limits	ACGIH STEL: 1000 ppm OSHA PEL (TWA): 1900mg/m ³
Specific Engineering Controls	Ensure that ventilation maintains dust levels below WES. Ensure adequate ventilation, especially in confined areas. Use explosionproof electrical/ventilating/lighting/equipment. Ensure that eye wash stations and safety showers are close to the workstation location.
Personal Protective Equipment	
HMIS	PPE
A	Safety Glasses

Pictograms



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Section 9. Physico-Chemical Data

Form	Clear liquid
Appearance	Slight Red
Odor	Lemon type
pH (Neat)	7.0 - 8.0
Specific Gravity (20°C)	0.82 - 0.90
Solubility	Miscible in water
Additional Physico-chemical Data	
Vapor Pressure (20°C)	N/A
Volatility	N/A
Boiling Point	N/A
Taste	N/A

Section 10. Stability and Reactivity

Chemical Stability	Stable
Hazardous Polymerization	Will not occur
Conditions to avoid	Do not freeze. Keep away from open flames, hot surfaces , source of ignition
Incompatibility	Reducing agents, Combustible materials, Acids, Alkalies, heat, flames
Corrosivity	N/A
Special Remarks	Hygroscopic

Section 11. Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rabbit) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
Alstasan Hand Rub	>90	N/A	N/A

Carcinogenicity	Non Carcinogenic
Teratogenicity	Non Teratogenic
Mutagenicity	Non Mutagenic

Section 12. Ecological Information

BOD	N/A
COD	N/A
Biodegradation	N/A
Marine Pollutant	H401

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Section 13.
Disposal Considerations

RCRA Status N/A
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14.
Transport Information

DOT Classification Class

 3: Flammable liquids



Classification for Air Transport (IATA/ICAO)

Proper Shipping Name	Ethyl Alcohol Soln.
UN No.	1170
Packing Group	II

Classification for Sea Transport (IMO/IMDG)

Proper Shipping Name	Ethyl Alcohol Soln.
UN No.	1170
Packing Group	II
EMS Codes	F-B, S-D

Classification for Road Transport (ADR/RID)

Proper Shipping Name	Ethyl Alcohol Soln.
UN No.	1170
Packing Group	II

Section 15.
Regulatory Information

OSHA Hazard Status	Hazardous
HSN	30049087

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Section 16. Other Information

SDS Creation 16/8/2014

SDS Revision

30/3/2018

Abbreviations

N/A	Not Applicable
LEL	Lower Explosion Limit
UEL	Upper Explosion Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
LD50	Lethal Dose Concentration that kills 50% dosed group
LC50	Lethal Concentration that kills 50% of dosed group
PPM	Parts Per Million
LSL	Lower Specification Limit
USL	Upper Specification Limit

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