

Safety Data Sheet

Alstasan Silvox 150

chemtex

Section 1.

Chemical Product and Company Identification

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


Product Name	Alstasan Silvox 150		
Product Description	Silver Hydrogen Peroxide based Air and Surface Disinfectant		
Manufacturer's Name	Chemtex Speciality Limited	Supplier's Name	Chemtex Speciality Limited
Address	Haute Street Corporate Park 86A Topsia Road (S), Kolkata 700046	Address	Haute Street Corporate Park 86A Topsia Road (S), Kolkata 700046
Contact Information	Ph: +91-33-7111-1111	Contact Information	Ph: +91-33-7111-1111
Email	info@chemtexlimited.com	Email	info@chemtexlimited.com
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	Skin, Eye Contact, Ingestion
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
GHS03: Danger Warning - Oxidizing		H271	Cat. 1	May cause fire or explosion; strong oxidizer	210, 220, 221, 280, 283, 306+360, 371+380+375, 370+378, 501

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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.

P220 Keep/Store away from clothing/combustible materials.
P221 Take any precaution to avoid mixing with combustibles.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P283 Wear fire/flame resistant/retardant clothing.
P306+360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before
P370+378 In case of fire: Use ... to extinguish.
P371+380+375 In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3.

Composition/ Information on Ingredients

Ingredients	CAS No.	% by wt.
Hydrogen Peroxide	7722-84-1	11 min.
Silver Nitrate	7761-88-8	0.015
Stabilizers & Inert ingredients blend	N/A	Balance

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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	No	
Flash Point	N/A	
Flammability Point (% by volume)		
Lower	N/A	Upper N/A
Autoignition Temperature		N/A
Extinguishing Media		Use water. Do not use dry chemicals or foam. CO2 may provide limited control.

Fire Fighting Instructions: Exercise caution when fighting chemical fire. Flood fire area with water from a distance. A self contained breathing apparatus and protective clothing is essential.

Fire & Explosion Data: Explosive in presence of open flames and sparks, of heat, of organic materials, of metals, of acids. This product will accelerate burning when involved in a fire. It may explode from heat or contamination.

Special Hazards: Carbon dioxide, carbon monoxide, liberates free oxygen.

NFPA Symbol and Label

Health	1
Flamability	1
Reactivity	1
Special Notice	OX

<u>Hazard Rating</u>
4. Extreme
3. Serious
2. Moderate
1. Minimal
0. Slight

OX: Oxidizer

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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	N/A
Specific Engineering Controls	Use local exhaust ventilation with a minimum capture velocity of 150 ft/min (0.75 m/sec) at the point of dust or mist evolution.
Personal Protective Equipment	
HMIS	PPE
H	Safety Glasses Gloves Apron Vapor Respirator
	Pictograms
	   

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Section 9.
Physico-Chemical Data

Form	Clear liquid
Appearance	Colorless
Odor	Odorless
pH (Neat)	< 2.0
Specific Gravity	1.05 - 1.10
Solubility	Soluble in water

Additional Physico-chemical Data

Density @ 25°C	N/A
Volatility	N/A
Boiling Point	N/A
Taste	N/A

Section 10.
Stability and Reactivity

Chemical Stability	Stable; Contains stabilizer
Hazardous Polymerization	Will not occur
Conditions to avoid	Strong heat, Incompatible materials
Incompatibility	Reducing agents, Combustible materials, Acids, Alkalis.
Corrosivity	Non corrosive in presence of glass, SS, Al, ceramics, neoprene, LDPE, HDPE, Silicones
Special Remarks	Light Sensitive; Keep refrigerated under 8°C

Section 11.
Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rabbit) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
Alstasan Silvox 150	>2000	>2000	N/A

Carcinogenicity	Non Carcinogenic
Teratogenicity	Non Teratogenic
Mutagenicity	Non Mutagenic

Section 12.
Ecological Information

BOD	N/A
COD	N/A
Biodegradation	Short term: None; Long term: Long term degradation products may arise.
Marine Pollutant	N/A

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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

 5.1: Oxidizing substances

 8: Corrosive substances



Classification for Air Transport (IATA/ICAO)

Proper Shipping Name	Hydrogen Peroxide
UN No.	2014
Packing Group	II

Classification for Sea Transport (IMO/IMDG)

Proper Shipping Name	Hydrogen Peroxide
UN No.	2014
Packing Group	II
EMS Codes	F-H, S-Q

Classification for Road Transport (ADR/RID)

Proper Shipping Name	Hydrogen Peroxide
UN No.	2014
Packing Group	II

Section 15.
Regulatory Information

OSHA Hazard Status	Hazardous
HSN	38089400

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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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MEMBER

