

Safety Data Sheet

Alstasan Activ

chemtex

Section 1.

Chemical Product and Company Identification

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




Product Name	Alstasan Activ		
Product Description	Stabilized Peroxyacetic Acid based Disinfectant and Sanitizer		
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	09-05-04	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	Exposure may cause severe burns, destruction of eye tissues and possible permanent injury and blindness. Exposure to vapors, fumes or mist may cause irritation. Exposure may cause sensitivity to light.
Skin	Contact may cause reddening, itching, inflammation, burns, blistering and possibly severe tissue damage
Ingestion	May cause painful irritation and burning of the mouth and throat, painful swallowing, labored breathing, burns of perforation of the gastrointestinal tract leading to ulceration and secondary infection. Aspiration into lungs may cause chemical pneumonia and lung damage.
Inhalation	Breathing of the mists, vapors, or fumes may irritate the nose, throat and lungs. Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation, depending on the concentration and duration of exposure. Overexposure may be fatal.
Sub Chronic, Chronic	N/A

OSHA Hazard Status		Hazardous			
Class	Pictogram (if available)	Hazard	Category	Hazard Statement	P codes
GHS02: Danger Warning - Flammable		H227		Combustible liquid	
GHS03: Danger Warning - Oxidizing		H272	Cat. 2, Cat. 3	May intensify fire; oxidizer	210, 220, 221, 280, 370+378, 501
GHS05: Danger Warning - Corrosive Category 1		H290	Cat. 1	May be corrosive to metals	234, 390, 406

GHS06: Danger - Toxic Category 1 - 2		H301	Cat. 3	Toxic if swallowed	264, 270, 301+310, 321, 330, 405, 501
GHS05: Danger Warning - Corrosive Category 1		H314	Cat. 1A, 1B, 1C	Causes severe skin burns and eye damage	260, 264, 280, 301+330+331, 303+361+353, 363, 304+340, 310, 321, 305+351+338, 405, 501
GHS07: Warning - Toxic Category 2 - 3		H332	Cat. 4	Harmful if inhaled	261, 271, 304+340, 312
GHS07: Warning - Toxic Category 2 - 3		H335	Cat. 3	May cause respiratory irritation	261, 271, 304+340, 312, 403+233, 405, 501

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.
P234	Keep only in original container.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER/doctor
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.
P370+380	In case of fire: Evacuate area.
P406	Store in a corrosive resistant/container with a resistant inner liner.
P403+233	Store in a well ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3.

Composition/ Information on Ingredients

Ingredients	CAS No.	% by wt.
Active PAA (CH ₃ COOOH)	79-21-0	5.0 - 5.9
Hydrogen Peroxide	7722-84-1	23.5 - 26.0
Stabilizers & Water	N/A	balance

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Section 4. First Aid Measures

Eyes	Flush immediately with large amounts of water for atleast 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Remove contact lenses, if worn after the first 5 minutes.
Skin	Immediately flush skin with plenty of water, for atleast 15 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persist. Place contaminated clothing in closed container for storage until laundered or discarded. Discard contaminated leather goods.
Ingestion	Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconcious person. Do not induce vomitting because of danger of aspirating liquids into lungs, causing serious damage and chemical pneumonitis. Have the victim rinse mouth thoroughly with water. If vomitting occurs naturally, have the victm lean forward to reduce risk of aspiration.
Inhalation	Remove to fresh air. If not breathing, institute rescue breathing. If breathing is difficult, ensure airway is clear and give oxygen. Keep affected person warm and at rest. GET 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 83°C/181.4 F
Flammability Point (% by volume)
Lower N/A
Autoignition Temperature
Extinguishing Media

Upper N/A
270°C/518 F
Use water spray, carbon dioxide or foam.

Fire Fighting Instructions

Exercise caution when fighting chemical fire. Flood fire area with water from a distance. Stay away from storage tank ends. Use water spray to cool adjacent structures and to protect personnel. A self contained breathing apparatus and protective clothing is essential.

Fire & Explosion Data

Oxygen that can initiate or promote combustion.

Special Hazards

Carbon dioxide, carbon monoxide, liberates free oxygen.

NFPA Symbol and Label

Health	2
Flamability	2
Reactivity	0
Special Notice	OX

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

OX: Oxidizer

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Section 6.

Accidental Release Measures

Small Spill	Neutralize with soda ash or cover with dry earth, sand or other non combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain
Large Spill	Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up.




Section 7.

Handling Measures & Storage

Handling	Ground lines and equipments used during the tranfer to reduce the possibilty of static spark- initiated fire or explosion. Use non-sparking tools. Do not cut, grind, weld in the vicinity of the product or reuse containers unless adequate precautions are taken against these hazards. Equipment used for handling product should be made of compatiabile materials including but not limited to glass, stainless steel, aluminium and plastic. Do not eat,drink or smoke in areas of use or storage. Wash hands thoroughly before eating, drinking or smoking. Keep containers tightly closed and upright when not in use.
Storage	Do not store near reducing agents, fuels or other non-compatible materials. Store in a cool, dry, well ventilated area. For quality purposes, avoid temperatures above 86°F. Higher temperatures will accelerate decomposition resulting in a loss of assay. Do not store in direct sunlight, or near sources of ignition or heat. Containers must be vented. Expected shelf life - 1 year.

Section 8.

Exposure Controls & Personal Protection

Exposure Limits	N/A
Specific Engineering Controls	General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures. If ventilation cannot reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used.
Personal Protective Equipment	
HMIS	PPE
G	Safety Glasses Gloves Vapor Respirator
	Pictograms
	  

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Section 9. Physico-Chemical Data

Form	Liquid
Appearance	Colorless
Odor	Pungent vinegar like odor
pH (1% solution at 20°C)	3.0 ± 0.5
Specific Gravity	1.125 - 1.136
Solubility in water (at 20°C)	100 % Soluble
Additional Physico-chemical Data	
Evaporation Rate	> 1(Butyl Acetate=1)
Vapor Pressure (25°C)	22mm Hg
Melting Point	-25.9°C/ -14.6 F
Taste	N/A

Section 10. Stability and Reactivity

Chemical Stability	Stable
Hazardous Decomposition	Combustion may produce acetic acid, irritating vapors and oxygen
Conditions to avoid	Open flames, elevated temperatures (>86 F), heat source, combustibles such as paper, wood.
Incompatibility	Dirt, alkali, reducing agents, organics and heavy metals such as iron, copper, chromium, aluminium, cobalt.
Corrosivity	N/A
Special Remarks	N/A

Section 11. Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rabbit) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
Alstasan Activ	>1900	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	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

 5.2: Organic peroxides

 8: Corrosive substances



Classification for Air Transport (IATA/ICAO)

Proper Shipping Name	Peroxyacetic Acid, Hydrogen Peroxide
UN No.	3109
Packing Group	II

Classification for Sea Transport (IMO/IMDG)

Proper Shipping Name	Peroxyacetic Acid, Hydrogen Peroxide
UN No.	3109
Packing Group	II
EMS Code	F-H, S-Q

Classification for Road Transport (ADR/RID)

Proper Shipping Name	Peroxyacetic Acid, Hydrogen Peroxide
UN No.	3109
Packing Group	II

Section 15.
Regulatory Information

OSHA Hazard Status	Hazardous
HSN	38089400

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Section 16.
Other Information

SDS Creation

09-05-04

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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