

# Safety Data Sheet

## Alstasan Gludex

chemtex

### Section 1.

#### Chemical Product and Company Identification




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

Product Name	Alstasan Gludex		
Product Description	Glutaraldehyde based 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@chemtexltd.com	Email	info@chemtexltd.com
SDS Prepared	09-11-2008	SDS Revised	27-12-2022

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

### Section 2.

#### Hazard Identification

Route of Entry	Skin, Eye Contact, Ingestion				
OSHA Hazard Status	Not Regulated				
Class	Pictogram (if available)	Hazard	Category	Hazard Statement	P codes
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		H317	Cat. 1, 1A, 1B	May cause an allergic skin reaction	261, 272, 280, 302+352, 333+313, 321, 363, 501
GHS06: Danger - Toxic Category 1 - 3		H301+H331	N/A	Toxic if swallowed or if inhaled	

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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.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P321	Specific treatment
P363	Wash contaminated clothing before reuse.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352	IF ON SKIN: Wash with plenty of water
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.
P333+313	If skin irritation or a rash occurs: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3.

Composition/ Information on Ingredients

Ingredients	CAS No.	% by wt.
Glutaraldehyde	111-30-8	2.0 - 3.0
Inert Ingredients	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. Vapor will cause stinging sensations in the eye with excess tear production, blinking, and possibly a slight excess redness of the conjunctiva.
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. Contact with solutions of glutaraldehyde may cause a harmless yellow or brownish discoloration of the skin.
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. Moderately toxic. May cause moderate to marked irritation and possibly chemical burns of the mouth, throat, esophagus, and stomach.
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	<b>No</b>	
Flash Point	N/A	
Flammability Point (% by volume)		
Lower	N/A	Upper
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.
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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.
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Special Hazards	Carbon dioxide, carbon monoxide, liberates free oxygen.
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#### NFPA Symbol and Label

Health	1
Flamability	1
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. If necessary: Use suitable protective equipment (Section 8). Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Use suitable protective equipment (Section 8). Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### Section 7.

#### Handling Measures & Storage

Handling	Precautions : Keep away from heat, sources of ignition. Empty containers pose a fire risk, evaporate residue under fume hood. Do not ingest, breathe. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipments. If ingested seek medical advice. Keep away from oxidising agents. Keep container tightly closed in cool, well ventilated dry place.
Storage	Get medical advice/attention if you feel unwell. Store in a dry place. Store in a closed container. Store in a well ventilated place. Keep container tightly closed. Store in a well ventilated place. Keep cool.

### Section 8.

#### Exposure Controls & Personal Protection

##### Exposure Limits

N/A

##### Specific Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

##### Personal Protective Equipment

HMIS

PPE

C

Safety Glasses  
Gloves  
Apron

Pictograms



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### Section 9. Physico-Chemical Data

Form	Clear Liquid
Appearance	Colorless (Unactivated); Bluish Green (Activated)
Odor	Aldehyde type
pH (Neat)	3.0 - 4.5 (Unactivated); 7.5 - 8.5 (Activated)
Specific Gravity	1.00 ± 0.02
Solubility	Completely soluble in water

#### Additional Physico-chemical Data

Boiling Point	N/A
Freezing Point	N/A
Viscosity	N/A
Taste	N/A

### Section 10. Stability and Reactivity

Chemical Stability	The product is stable
Hazardous Polymerization	Will not occur
Conditions to avoid	Heat, strong sunlight for prolonged periods
Incompatibility	Strong oxidizers, acids, bases
Corrosivity	Non corrosive

Special Remarks	Decomposes into COx.
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### Section 11. Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rabbit) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
Alstasan Gludex	>2000	>2000	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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14.  
Transport Information

DOT Classification Class

Not Regulated

Classification for Air Transport (IATA/ICAO)

Proper Shipping Name Not Regulated

UN No. Not Regulated

Packing Group Not Regulated

Classification for Sea Transport (IMO/IMDG)

Proper Shipping Name Not Regulated

UN No. Not Regulated

Packing Group Not Regulated

Classification for Road Transport (ADR/RID)

Proper Shipping Name Not Regulated

UN No. Not Regulated

Packing Group Not Regulated

Section 15.  
Regulatory Information

OSHA Hazard Status Not Regulated

HSN 38089400

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Section 16.  
Other Information

SDS Creation 07-08-2012

SDS Revision

27-12-2022

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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