

Safety Data Sheet

CX RO Antiscalant



Section 1.

Chemical Product and Company Identification

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

Product Name	CX RO Antiscalant		
Product Description	Neutral pH RO Antiscalant		
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	13-04-2005	SDS Revised	16-11-2022
Emergency Contact	No. +91-33-7111-1111	Mail: info@chemtexltd.com	

Section 2.

Hazard Identification

Route of Entry	Inhalation
OSHA Hazard Status	Non Hazardous
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.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep/Store away from clothing/combustible materials.
P234	Keep only in original container.
P264	Wash thoroughly after handling.
P284	[In case of inadequate ventilation] wear respiratory protection.
P235+410	Keep cool. Protect from sunlight
P314	Get medical advice/attention if you feel unwell.
P363	Wash contaminated clothing before reuse.
P381	Eliminate all ignition sources if safe to do so.
P391	Collect spillage.
P301+312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352	IF ON SKIN: Wash with plenty of water
P304+312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
P308+311	If exposed or concerned: Call a POISON CENTER/ doctor.
P333+313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+313	If eye irritation persists get medical advice/attention.
P342+311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor
P362+364	Take off contaminated clothing and wash it before reuse.
P370+376	In case of fire: Stop leak if safe to do so.
P370+378	In case of fire: Use dry earth to extinguish.
P403+235	Store in a well ventilated place. Keep cool.
P410+403	Protect from sunlight. Store in a well-ventilated place.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

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Section 3.
Composition/ Information on Ingredients

Ingredients	CAS No.	% by wt.
Organo-phosphonates	N/A	15.0 - 25.0
Surfactant	N/A	1.0 - 5.0
Water	7732-18-5	Balance

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Section 4.
First Aid Measures

Eyes	[P305+351+338] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Skin	[P302+352] IF ON SKIN: Wash with plenty of water. [P333+313] If skin irritation or a rash occurs: Get medical advice/attention.
Ingestion	[P301+330+331] IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. [P301+312] IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
Inhalation	[P304+340] IF INHALED: Remove person to fresh air and keep comfortable for breathing. [P304+312] IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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
Extinguishing Media	Dry chemical, carbon dioxide, water spray, foam
Fire Fighting Instructions	Do not scatter spilled liquid with high pressure water streams. Avoid breathing hazardous vapors
Fire & Explosion Data	N/A
Special Hazards	Not Determined

NFPA Symbol and Label

Health	0
Flamability	0
Reactivity	1
Special Notice	

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

Section 6.
Accidental Release Measures

Small Spill	Soak up with sand or other absorbent material into clean dry containers for later disposal.
Large Spill	Stop leak if done without risk. Soak up with sand or other absorbent material into clean dry containers for later disposal. Keep unnecessary people away and isolate hazard area.

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Section 7.

Handling Measures & Storage

Handling	[P210] Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. [P220] Keep/Store away from clothing/combustible materials. [P234] Keep only in original container.
Storage	[P403+235] Store in a well ventilated place. Keep cool. [P410+403] Protect from sunlight. Store in a well-ventilated place.

Section 8.

Exposure Controls & Personal Protection

Exposure Limits

N/A

Specific Engineering Controls

Provide exhaust ventilation. Consult local authorities for acceptable exposure limits. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Personal Protective Equipment

HMIS

PPE

B

Safety Glasses
Gloves

Pictograms



Section 9.

Physico-Chemical Data

Form	Clear liquid
Appearance	Colorless
Odor	N/A
pH (Neat)	3.0 ± 0.5
Specific Gravity (20°C)	1.10 ± 0.10
Solubility	Completely soluble in water
Additional Physico-chemical Data	
Boiling Point	N/A
Freezing Point	N/A
Max. Operational Temperature	N/A
Viscosity	N/A

Section 10.

Stability and Reactivity

Chemical Stability	Stable
Hazardous Polymerization	Will not occur under recommended conditions
Conditions to avoid	Strong heat, incompatibles
Incompatibility	Strong oxidizers, reducing agents
Corrosivity	Non corrosive
Hazardous Decomposition	N/A
Special Remarks	N/A

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Section 11.
Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rats) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
CX RO Antiscalant	3500	N/A	N/A

Carcinogenicity	N/A
Teratogenicity	N/A
Mutagenicity	N/A

Section 12.
Ecological Information

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

Section 13.
Disposal Considerations

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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Section 14.
Transport Information

Classification for IATA/ICAO/IMO/IMDG/ADR/RID	N/A
Proper Shipping Name	Not Regulated
UN No.	Not Regulated
Packing Group	Not Regulated

Section 15.
Regulatory Information

OSHA Hazard Status	Non Hazardous
HSN	38249022

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Section 16.
Other Information

SDS Creation

13-04-2005

SDS Revision

16-11-2022

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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