

# Chlorine Control Powder

Issue Date	21 OCT 1991	Revision Date	13 JAN 2025
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SECTION 1: Identification Of The Substance And The Company / Undertaking			
1.1 Product Identifier Used On The Label	Chlorine Control Powder		
1.2 Chemical / Generic Name	N/A		
1.3 Recommended Use Of The Chemical And Restrictions On Use	Chlorine Spill Neutralizer / Solidifier		
1.4 – Manufacturer / Supplier Information	Supplier	American Biosafety	
	Address	4322 Anthony Court # 5 Rocklin, CA 95677	
	Corporate Phone	1.916-652-8021	
	Corporate Fax	FAX - +1.916-652-8021	
	Website	<a href="http://www.americanbiosafety.com">www.americanbiosafety.com</a>	
	Email	<a href="mailto:absafety@sbcglobal.net">absafety@sbcglobal.net</a>	
	Plant Telephone	1.916-652-8021	
1.5 Emergency Telephone Number	CHEMTREC - 1-800-424-9300 - USA ( 24 hours / 7 days a week):	World Wide - 1.703.741.5500	
SECTION 2: Hazard Identification			
2.1 GHS US Classification	Eye irritation / Respiratory Irritation		
2.2 Pictograms			
2.3 Signal Word	DANGER		
2.4 Hazard Statements	<p>H319: Causes serious eye irritation  H335: May cause respiratory irritation  Causes eye abrasion  Keep only in original container. Do not breathe dust.  Do not handle it until all safety precautions have been read and understood. Collect spillage using explosion proof vacuum.</p>		
2.5 Precautionary Statements	<p>Prevention:  P264 Wash hands thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P272 Contaminated work clothing should not be allowed out of the workplace.  P281 Use personal protective equipment as required.</p> <p>Response:  If exposed or concerned: Get medical advice/attention  If swallowed: rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor.  If on skin (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water. Wash contaminated clothing before reuse.  If inhaled: Remove person to fresh air and keep comfortable for breathing  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek immediate medical attention.  Store in a corrosion resistant container with a resistant inner liner.  Keep Dry  P501 Dispose of contents/container in accordance with local regional/national/international regulations</p>		
2.3 Other Hazards	<p>Dust from dried product is irritating to the eyes  This is a Chlorine neutralizer - wear the proper PPE for the chemical being neutralized</p>		
NFPA / HMIS Rating	H-1	F-0	R-0
HMIS Personal Protection	As required depending on use conditions		
SECTION 3: Composition / Information on Ingredients			
3.1 Substances	N/A		



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	Information on hazardous ingredients above regulatory thresholds		
<b>Note</b>			
<b>CAS Number</b>	<b>Component</b>	<b>% by Wt.</b>	
Proprietary	Proprietary Carrier	55 - 75%	Eyes

\*\*\* Information on proprietary items will be provided to medical and spill response personnel in valid situations.

Component Information /  
Information on Non-Hazardous  
Components

Other components of this mixture do not contain any hazardous ingredients above the reportable limits as determined under US OSHA and EPA directives

## SECTION 4: First Aid Measures

### 4.1 First Aid Instructions By Routes Of Exposure. (See Section 8 For PPE Requirements)

General Advice	Move person to fresh air, loosen tight clothing
After inhalation	If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist seek medical attention.
After Skin Contact	If the eyes are not affected rinse face and put chemical safety goggles on the victim. Remove contaminated clothing including shoes. Brush off bulk material, then wash with soap and water. Seek medical assistance if symptoms develop. Wash clothing and clean shoes before re-use. Test pH on skin to verify decontamination.
After Eye Contact	Remove contact lenses if easy to do so. Flush eyes for 15 minutes with copious amounts of water. Seek immediate medical attention.
After Ingestion	Wash face. Rinse mouth and spit. Give water to drink unless vomiting occurs. Do NOT induce vomiting. Do not attempt to give anything by mouth to an unconscious person. Contact poison control center.

### 4.2 Most Important Symptoms And Effects, Both Acute And Delayed

After Inhalation	Coughing, irritation, burns to the respiratory tract
After Skin Contact	May cause irritation or aggravate pre-existing skin conditions; effects may be delayed
After Eye Contact	Can cause serious eye damage, irritation, redness, burning sensation / eye abrasion
After Ingestion	May be harmful if swallowed - Irritation to mouth. May cause nausea / vomiting.
Delayed Inhalation	Repeated inhalation of product dust without proper PPE can cause respiratory distress

### 4.3 Indication of any Immediate Medical Attention and Special Treatment

	Treat symptomatically.
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## SECTION 5: Fire Fighting Measures

### 5.1 Extinguishing Media

Suitable	Use best method for surrounding fire
Unsuitable	Strong water jet / stream

### 5.2 Special Hazards

	May produce irritating and or toxic gases including oxides of carbon
	Dust from dry product may form explosive mixture in air if near ignition source

### 5.3 Advice to Firefighters

	Keep up wind. Use full turn out gear and SCBA
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### 5.4 Further Information

	None Known
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## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment And Emergency Procedures

6.1.1 For Non Emergency Personnel	Secure area and deny entry to others. Shut off all sources of ignition.  <b>This is a Chlorine neutralizer - wear the proper PPE for the chemical being neutralized</b>
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6.1.2 For Emergency Personnel	Use appropriate PPE for the situation as per Section 8. A higher level of PPE may be required for response to spills. AVOID CREATING A DUST CLOUD WHEN PERFORMING CLEANUP.
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6.2 Environmental Precautions	Release of this product to air / water / land may require reporting to governmental agencies in your region. Dispose of waste in accordance with local / state / federal regulations.
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### 6.3 Methods And Materials For Containment And Clean Up

6.3.1 Containment	Prevent spread of spill by covering with plastic until product can be recovered  Shut off all sources of ignition. Shovel product into clean, DRY, properly labeled container. Product can be recovered with an explosion proof vacuum or Vac Truck. Use NON sparking tools. Do not allow product via wash down with water to enter streams, ponds and waterways. Clean area with suitable detergent. Check surfaces for pH to verify decontamination.
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	Proper respiratory protection is required; see Section 8. Minimize dusting. Sweep material gently. Recover with an explosion proof HEPA Filtered Vacuum. Use NON-Sparking tools. Excessive dust generation has the potential to form an explosive mixture in air if near an ignition source. If visibility is obscured for 3 to 5 feet you are in a potentially dust explosive atmosphere.
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## 6.3.3 Unsuitable Agents

Acidic compounds

## 6.4 References To Other Sections

See Section 8 for specifics on PPE, and Section 10 for incompatibles.

## SECTION 7: Handling and Storage

### 7.1 Precautions For Safe Handling

Keep containers closed. Do NOT transfer to unlabeled containers.

Keep product dry until ready for use.

Do not get on skin or clothing, in eyes or mouth. Do not breathe dust from product. Dusts generated during use may require the user to use a respirator. Wear appropriate PPE when working with this product.

### Prohibited Equipment / Procedures

Do not wash this product to sewers / lakes / ponds / waterways without proper approval from the governing body.

### 7.2 Hygiene Measures

Wash equipment and clothing before re-use. Wash thoroughly before eating or smoking.

### 7.3 Storage

Keep out of reach of children. Keep containers closed when not in use

Store in a cool dry well-ventilated space

Keep in original container. Keep Dry. Excessive moisture may cause product to solidify.

## SECTION 8: Exposure Controls / Personal Protection

### 8.1 Control Parameters

#### Note Substances Listed In Section 3 That Are NOT Listed Here Have No Published Exposure Test Data Under OSHA

Item	CAS / EC	OSHA PEL	ACGIH TLV	STEL			
Substance	N/A	10 mg/m3 nuisance dust	No Data	No Data			
Proprietary Carrier	Proprietary	15 mg/m3 Total 5 mg/m3 resp	15mg/m3	No data			
Decomposition product exposure	Sulfur Dioxide	5 PPM	No Data	0.25 PPM			

### 8.2 Appropriate Engineering Controls

Use in well ventilated area - keep product dry until ready to use

### 8.3 Individual Protective Measures

PPE

#### NOTE

**This is a Chlorine neutralizer - wear the proper PPE for the chemical being neutralized.**

#### Eye / Face Protection

Safety glasses / Chemical goggles depending on how material is used. Take necessary measures to prevent eye contamination.

#### Hand Protection

Nitrile / Neoprene gloves

#### Skin and Body

Suitable to prevent skin contact based on operation. Nitrile, Poly Coated Tyvek, PVC or Vinyl

#### Respiratory

If use generates dust that produces symptoms or exceeds 50% of the listed TLV / PEL above use a full-face respirator with an organic vapor acid gas cartridge with HEPA pre filter. Maintain levels below listed TLV / PEL.

When cleaning up product you may generate dust / airborne particles. If use generates dust that produces symptoms or exceeds 50% of the listed TLV / PEL above use a full-face respirator with an organic vapor cartridge with HEPA pre filter. Maintain levels below listed TLV / PEL.

### 8.4 Environmental Exposure Controls

Maintain levels below community environmental protection thresholds

#### Other

Do not eat / drink / smoke where chemicals are stored or handled. Wash thoroughly after handling.

## Section 9: Physical And Chemical Properties

### 9.1 Information On Basic Physical / Chemical Properties

Appearance Physical State	Powder / Granules
Appearance Color	White
Odor	Mild Characteristic
Odor Threshold	Not Determined
pH	7.9 - 8.1 @ 10% aqueous
Melting / Freezing Point	No Data



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Initial Boiling Point / Range	N/A
Flash Point	Non-Flammable - May cause static dust explosion if dispersed in air.
Evaporation Rate (butyl acetate)	No Data
Upper / Lower Flammability Range	No data
Vapor Pressure	No data
Vapor Density	No Data
Relative Density / Specific Gravity	No Data
Water Solubility	Partially
Partition Coefficient, n-octanol / water	Not Determined
Auto-ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Viscosity	N/A
Explosive Properties	Product may cause static dust explosion if dispersed in air.
Oxidizing Properties	Not an oxidizer
<b>9.2 Other Information</b>	None Known

## SECTION 10: Stability and Reactivity

<b>10.1 Reactivity</b>	Stable under normal conditions
<b>10.2 Chemical Stability</b>	Stable under normal conditions
<b>10.3 Possibility of Hazardous Reactions</b>	Oxidizers cause a strong exothermic reaction
<b>10.4 Conditions to Avoid</b>	ACIDS / Oxidizers Mixing with acids releases toxic Sulfur Dioxide gas Dispersion as a dust
<b>10.5 Incompatible Materials</b>	Strong acids and oxidizers
<b>10.6 Hazardous Decomposition Products</b>	Smoke, oxides of sulfur and other products of incomplete combustion. Odorous and toxic fumes may form from decomposition of this product.

## SECTION 11: Toxicological Information

<b>11.1 Likely Routes of Exposure</b>	
<b>11.2 Signs and Symptoms of Exposure</b>	
<b>11.3 Delayed and Immediate Effects to Long- and Short-Term Exposure</b>	
After Inhalation	Inhalation of aerosols or mists may irritate the respiratory tract
After Skin Contact	May cause irritation or aggravate pre-existing skin conditions
After Eye Contact	Can cause serious eye damage / abrasion
After Ingestion	Irritation to mouth. May cause nausea / vomiting. Harmful if swallowed.

<b>11.4 Information on Toxicological Effects</b> - Quantitative data for the mixture not available							
<b>Note</b>	Substances listed in section 3 that are NOT listed here have no published Toxicological test data by OSHA						
<b>Acute</b>	<b>Item</b>	<b>CAS / EC</b>	<b>Oral LD 50</b>	<b>Skin LD 50</b>	<b>Inhalation LC 50</b>		<b>Target Organs</b>
	Substance	N/A	No Data	No Data	No Data		Eyes / Skin / resp
	Proprietary Carrier	Proprietary	> 5000 mk/kg Rat	Not classified	>4.7 mg/L @ 4 hr		Eyes / Resp
<b>Chronic</b>	<b>Item</b>	<b>CAS</b>	<b>Carcinogen</b>	<b>Teratogen</b>	<b>Reproductivity</b>		
	N/A		No	No	No		

## SECTION 12: Ecological Information

<b>12.1 Eco Toxicity</b>	
<b>Note</b>	Substances listed in section 3 that are NOT listed here have no published Ecological / Biological test data
Species	Proprietary Carrier
Blue Fish	7100 mg/L LC50



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Water Flea, Daphnia Magna	4100 mg/L EC50					
Algae	No Data					
* Biodegradation and Secondary Effluent Toxicity of Ethoxylated Surfactants, J. Patoczka & G. Pulliam, Wat. Res. Vol. 24, No. 8, pp. 965-972 (1990; Pergamon Press)						
12.2 Persistence and Degradability	Biodegrades					
12.3 Bioaccumulation Potential	No Data					
12.4 Mobility in Soil	Not considered mobile					
12.5 Other Adverse Effects	None Known					

## SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods	Where possible recycling is preferred to disposal or incineration
Disposal Instructions	Dispose of in accordance with local and governmental regulations
Additional Data	Empty containers may contain hazardous residue and should be handled accordingly. Do not expose containers to heat or any source of ignition.

## SECTION 14: Transport Information

14.1 Transportation Information	US DOT	Land Transport (ADR/RID)	Inland Waterways / Sea (IMDG)	Air Transport (IATA)		
UN Number	Not Regulated	Not Regulated	Not Regulated	Not Regulated		
UN Shipping Name						
Hazard Labels						
Packing Group						
Additional Info	None Known					
14.2 Environmental Hazards	None Known					
14.3 Transport in Bulk According to Annex II of MARPOL and the IBC Code						
14.4 Special Precautions for User	None Known					

## SECTION 15: Regulatory Information

15.1 US Regulatory Data	This SDS Complies With Requirements Of Regulation US OSHA Hazard Communication Standard (CFR29, 1910.1200) And ANSI 2400-1-2004					
Note	Substances listed in section 3 that are NOT listed here have no published US Listing data					
Standard						
US OSHA	Not Regulated					
TSCA	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.					
SARA 302 Inventory	No ingredients above the reporting threshold					
SARA 313 Form R	No ingredients above the reporting threshold					
Section 304	No ingredients above the reporting threshold					
Sara 311/312	Acute	Chronic	Fire	Pressure	Reactive	
	XX	XX	N/A	N/A	N/A	
15.1.1 Other Regulatory Data						
CA Prop 65	Does NOT contains items listed in CA Prop 65 to cause cancer					
REACH	Not known					
EINECS	On or in compliance with the inventory					
Canadian DSL	D2B					

## SECTION 16: Other Information

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Revision #	Date	Approved By	Revision Made
New	21 OCT 1991	LS	New
1	15 MAR 2005	LS	Update



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2	28 JAN 2008	LS	Update		
3	21 MAY 2009	LS	Update		
4	11 MAY 2012	LS	Update		
5	18 JUL 2012	LS	Update		
6	24 MAY 2013	LS	Update		
7	06 JUN 2013	LS	Update		
8	18 AUG 2015	CAK	New Format		
9	05 OCT 2023	CAK	Update		
10	13 JAN 2025	DE	New Format / check all data		
<b>Abbreviations &amp; Acronyms:</b>		IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances OEL : Occupational Exposure Limits resp aero : respirable aerosol min : minutes			
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