

# Safety Data Sheet (SDS)(GHS)



## Acid Handler

Issue Date	16 MAR 2005	Revision Date	09 MAY 2025
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SECTION 1: Identification Of The Substance And The Company / Undertaking					
1.1 Product Identifier Used On The Label	Acid Handler				
1.2 Chemical / Generic Name	N/A				
1.3 Recommended Use Of The Chemical And Restrictions On Use	Acid Spill Neutralizer				
1.4 – Manufacturer / Supplier Information	<p>Manufacturer: American biosafety</p> <p>Address: 4322 Anthony court #5 Rocklin CA, 95677</p> <p>Corporate Phone: 1.916-652-8021/ 1.800.624-8021</p> <p>Corporate Fax: FAX - +1.916-652-8020</p> <p>Website: <a href="http://www.americanbiosafety.com">www.americanbiosafety.com</a></p> <p>Email: <a href="mailto:absafety@sbcglobal.net">absafety@sbcglobal.net</a></p> <p>Plant Telephone: 1.916-652-8021</p>				
1.5 Emergency Telephone Number	<p>CHEMTREC - 1-800-424-9300 - USA</p> <p>World Wide - 1.703.741.5500</p> <p>( 24 hours / 7 days a week):</p>				
SECTION 2: Hazard Identification					
2.1 GHS US Classification	Eye irritation / Skin Irritation / Respiratory Irritation				
2.2 Pictograms					
2.3 Signal Word	DANGER				
2.4 Hazard Statements	<p>H302: Harmful if swallowed</p> <p>H312: Harmful in contact with skin</p> <p>H318: Causes serious eye damage</p> <p>H332: Harmful if inhaled</p> <p>H350: May cause cancer</p> <p>Keep only in original container. Do not breathe dust.</p> <p>Do not handle it until all safety precautions have been read and understood.</p>				
2.5 Precautionary Statements	<p><b>Prevention:</b>  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><b>Response:</b>  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</p> <p><b>Disposal:</b>  P501 Dispose of contents/container in accordance with local regional/national/international regulations</p>				
2.3 Other Hazards	<p>Dust from dried product may be irritating to the eyes</p> <p>This is an acid neutralizer - wear the proper PPE for the chemical being neutralized</p>				
NFPA / HMIS Rating	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">H-1</td> <td style="width: 25%;">F-0</td> <td style="width: 25%;">R-0</td> <td style="width: 25%;">Other - N/A</td> </tr> </table>	H-1	F-0	R-0	Other - N/A
H-1	F-0	R-0	Other - N/A		
HMIS Personal Protection	As required depending on use conditions				
SECTION 3: Composition / Information on Ingredients					
3.1 Substances	N/A				
	Information on hazardous ingredients above regulatory thresholds				
Note					



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CAS Number	Component	% by Wt.	
Proprietary	Proprietary Carrier	30-45%	Acute Tox 4 - respiratory / eyes
1305-62-0	Calcium Hydroxide	10-20%	Eyes - 2 / respiratory
497-19-8	Carbonic Acid Disodium Salt	1-6%	Eyes / Respiratory
7631-86-9	Synthetic Silica	0-2.5%	Respiratory - Caarc
***	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 EPA and OSHA 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	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.

## 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

### 5.4 Further Information

None Known

## 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 an acid neutralizer - wear the proper PPE for the chemical being neutralized</b>

### 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.

### 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.

### 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.
<b>6.3.3 Unsuitable Agents</b>	None.
<b>6.4 References To Other Sections</b>	See Section 8 for specifics on PPE, and Section 10 for incompatibles.

## SECTION 7: Handling and Storage

<b>7.1 Precautions For Safe Handling</b>	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.
<b>Prohibited Equipment / Procedures</b>	Do not wash this product to sewers / lakes / ponds / waterways without proper approval from the governing body.
<b>7.2 Hygiene Measures</b>	Wash equipment and clothing before re-use. Wash thoroughly before eating or smoking.
<b>7.3 Storage</b>	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. Moisture may cause product to harden.

## SECTION 8: Exposure Controls / Personal Protection

<b>8.1 Control Parameters</b>	Substances Listed In Section 3 That Are NOT Listed Here Have No Published Exposure Test Data Under OSHA
<b>Note</b>	
<b>Item</b>	<b>CAS</b>
Substance	N/A
	10 mg/m3 nuisance dust
Proprietary Carrier	Proprietary
	15 mg/m3 Total 5 mg/m3 resp
Calcium Hydroxide	1305-62-0
	15 mg/m3 Total 5 mg/m3 resp
Carbonic Acid Disodium Salt	497-19-8
	15 mg/m3 Total 5 mg/m3 resp
Citric Acid	77-92-9
	No Data
Synthetic Silica	7631-86-9
	10 mg/m3
<b>8.2 Appropriate Engineering Controls</b>	Use in well ventilated area - keep product dry until ready to use
<b>8.3 Individual Protective Measures</b>	PPE
<b>NOTE</b>	<b>This is an acid neutralizer - wear the proper PPE for the chemical being neutralized.</b>
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.
<b>8.4 Environmental Exposure Controls</b>	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

<b>9.1 Information On Basic Physical / Chemical Properties</b>	
Appearance Physical State	Tan powder
Appearance Color	Tan

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Odor	Mild Characteristic
Odor Threshold	Not Determined
pH	9.8 - 10.0
Melting / Freezing Point	No Data
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 / ammonias cause a strong exothermic reaction
<b>10.4 Conditions to Avoid</b>	ACIDS / Oxidizers Mixing with water releases Carbon Dioxide gas Dispersion as a dust
<b>10.5 Incompatible Materials</b>	Strong ammonia and oxidizers
<b>10.6 Hazardous Decomposition Products</b>	Smoke, oxides of carbon 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	Causes 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.

#### 11.4 Information on Toxicological Effects - Quantitative data for the mixture not available

Note Substances listed in section 3 that are NOT listed here have no published Toxicological test data by OSHA						
Acute	Item	CAS	Oral LD 50	Skin LD 50	Inhalation LC 50	Target Organs
	Substance	N/A	No Data	No Data	No Data	Skin / resp
	Proprietary Carrier	Proprietary	No Data	Not classified	No data	Resp
	Calcium Hydroxide	1305-62-0	7340 mg/kg rat	No Data	No Data	Skin / Eyes
	Carbonic Acid Disodium Salt	497-19-8	4090 mg/kg Rat	550 mg/24hr rabbit	2.3 mg/L @ 2hr Rat	Skin / Eyes
	Synthetic Silica	7631-86-9	>5000 mg/kg rat	>2000 mg/kg rat	>0.69 mg/L rat	Resp
Chronic	Item	CAS	Carcinogen	Teratogen	Reproductivity	
	Synthetic Silica	7631-86-9	IARC Group 3	No	No	

### SECTION 12: Ecological Information

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### 12.1 Eco Toxicity

Note	Substances listed in section 3 that are NOT listed here have no published Ecological / Biological test data				
Species	Proprietary Carrier	Calcium Hydroxide **	Carbonic Acid Disodium Salt	Synthetic Silica	
Rainbow Trout	No Data	No Data	840 mg/L @ 48hr Mosquito fish	10,000 mg/L OECD	
Water Flea, Daphnia Magna	No Data	No Data	265-585 mg/L @ 96 hr	10,000 mg/L OECD	
Algae	No Data	No Data	242 mg/L @ 5 days	10,000 mg/L OECD	
***	Because of the high pH this ingredient would be expected to cause harm to aquatic bodies.				
12.2 Persistence and Degradability	No Data		Inorganic		
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

This SDS Complies With Requirements Of Regulation US OSHA Hazard Communication Standard (CFR29, 1910.1200) And ANSI 2400-1-2004

### 15.1 US Regulatory Data

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	16 MAR 2005	LS	New
1	23 AUG 2007	LS	Update
2	21 MAY 2009	LS	Update
3	11 MAY 2012	LS	Update
4	06 JUN 2013	LS	Update
5	16 JUL 2013	LS	Update
6	09 SEP 2015	CAK	New Format - Trade Secret
7	09 SEP 2015	CAK	Full Disclosure
8	09 MAY 2025		New Format, update all data / History

<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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