



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		Product Code	H- TAH
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	Manufacturer		American biosafety		
	Address		4322 Anthony court #5 Rocklin CA, 95677		
	Corporate Phone		1.916-652-8021/ 1.800.624-8021		
	Corporate Fax		FAX - +1.916-652-8020		
	Website		www.americanbiosafety.com		
	Email		absafety@sbcglobal.net		
	Plant Telephone		1.916-652-8021		
1.5 Emergency Telephone Number		CHEMTREC - 1-800-424-9300 - USA	World Wide - 1.703.741.5500		
		(24 hours / 7 days a week):			
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		H302: Harmful if swallowed H312: Harmful in contact with skin H318: Causes serious eye damage H332: Harmful if inhaled H350: May cause cancer Keep only in original container. Do not breathe dust. Do not handle it until all safety precautions have been read and understood.			
2.5 Precautionary Statements		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. 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 Disposal: P501 Dispose of contents/container in accordance with local regional/national/international regulations			
2.3 Other Hazards		Dust from dried product may be irritating to the eyes This is an acid neutralizer - wear the proper PPE for the chemical being neutralized			
NFPA / HMIS Rating		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.	
	This is an acid neutralizer - wear the proper PPE for the chemical being neutralized		
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.						
6.3.3 Unsuitable Agents	None.						
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. Moisture may cause product to harden.						
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	OSHA PEL	ACGIH TLV	STEL			
Substance	N/A	10 mg/m3 nuisance dust	No Data	No Data		Nuisance Dust	
Proprietary Carrier	Proprietary	15 mg/m3 Total 5 mg/m3 resp	15mg/m3	No data			
Calcium Hydroxide	1305-62-0	15 mg/m3 Total 5 mg/m3 resp	10mg/m3	No data			
Carbonic Acid Disodium Salt	497-19-8	15 mg/m3 Total 5 mg/m3 resp	15mg/m3				
Citric Acid	77-92-9	No Data	No Data	No Data			
Synthetic Silica	7631-86-9	10 mg/m3	No data	NIOSH - 6 mg/m3			
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 an acid 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	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
9.2 Other Information	None Known

SECTION 10: Stability and Reactivity

10.1 Reactivity	Stable under normal conditions
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of Hazardous Reactions	Oxidizers / ammonias cause a strong exothermic reaction
10.4 Conditions to Avoid	ACIDS / Oxidizers
	Mixing with water releases Carbon Dioxide gas
	Dispersion as a dust
10.5 Incompatible Materials	Strong ammonia and oxidizers
10.6 Hazardous Decomposition Products	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

11.1 Likely Routes of Exposure							
11.2 Signs and Symptoms of Exposure							
11.3 Delayed and Immediate Effects to Long- and Short-Term Exposure							
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

Abbreviations & Acronyms:

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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