

Base Control

Issue Date	15 MAR 2015	Revision Date	17 DEC 2024
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SECTION 1: Identification Of The Substance And The Company / Undertaking				
1.1 Product Identifier Used On The Label	BASE CONTROL		Product Code	H-BASE
1.2 Chemical / Generic Name	N/A			
1.3 Recommended Use Of The Chemical And Restrictions On Use	Alkalai Spill Neutralizer			
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 - +1.916-652.8020	
	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 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. Collect spillage using explosion proof vacuum.			
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 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			
2.3 Other Hazards	Dust from dried product may be irritating to the eyes This is an alkali 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				

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3.1 Substances	N/A		
	Information on hazardous ingredients above regulatory thresholds		
Note			
CAS Number	Component	% by Wt.	
Proprietary	Proprietary Carrier	30-45%	Acute Tox 4 - respiratory / eyes
77-92-9	Citric Acid	15-40%	Eyes - 2 / 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 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	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 alkali 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		

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	<p>wash down with water to enter streams, ponds and waterways. Clean area with suitable detergent. Check surfaces for pH to verify decontamination.</p> <p>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.</p>
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	<p>Keep containers closed. Do NOT transfer to unlabeled containers.</p> <p>Keep product dry until ready for use.</p>
	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	<p>Keep out of reach of children. Keep containers closed when not in use</p> <p>Store in a cool dry well-ventilated space</p>
	Keep in original container. Keep Dry.

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			
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			
Decomposition product exposure	Sulfur Dioxide	5 PPM		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 an alkali 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	<p>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.</p> <p>If cleaning up product that has dried or has become flaky 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.</p>
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	Crystals
Appearance Color	Tan

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Odor	Mild Characteristic
Odor Threshold	Not Determined
pH	3.2 - 3.4
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 cause a strong exothermic reaction
10.4 Conditions to Avoid	ACIDS / Oxidizers
	Mixing with acids releases toxic Sulfur Dioxide gas
	Dispersion as a dust
10.5 Incompatible Materials	Strong acids and oxidizers
10.6 Hazardous Decomposition Products	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

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		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.					
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 / EC	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
	Citric Acid	77-92-9	6730 mg/kg rat	No Data	No Data		Skin
	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

12.1 Eco Toxicity

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Note	Substances listed in section 3 that are NOT listed here have no published Ecological / Biological test data													
Species	Proprietary Carrier	Citric Acid	Synthetic Silica											
Rainbow Trout	No Data	No Data	10,000 mg/L OECD											
Water Flea, Daphnia Magna	No Data	No Data	10,000 mg/L OECD											
Algae	No Data	No Data	10,000 mg/L OECD											
<i>* Biodegradation and Secondary Effluent Toxicity of Ethoxylated Surfactants, J. Patoczka & G. Pulliam, Wat. Res. Vol. 24, No. 8, pp. 965-972 (1990; Pergamon Press)</i>														
12.2 Persistence and Degradability	No Data													
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	15 MAR 2015	CAK	SDS Pro
1	27 NOV 2015	CAK	New Format
2	01 JAN 2018	CAK	TS Version
3	15 NOV 2018	CAK	Reach Version
4	21 NOV 2024	LS	New Format - update all data / disclaimer
5	17 DEC 24	DE	Correct typographical errors - no data changes
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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