


## Solvent Handler

Issue Date	15 MAR 2015	Revision Date	11 FEB 2025
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SECTION 1: Identification Of The Substance And The Company / Undertaking				
1.1 Product Identifier Used On The Label	SASCO Solvent Handler		Product Code	BM-SSH
1.2 Chemical / Generic Name	N/A			
1.3 Recommended Use Of The Chemical And Restrictions On Use	Adsorbent / Solidifier for Flammable / Aromatic Liquids			
1.4 – Manufacturer / Supplier information	Supplier	American Biosafety		
	Address	4322 Anthony court # 5 Rocklin 95677		
	Corporate Phone	1.916-652-8021		
	Corporate Fax	FAX - +1.916-652-8020		
	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	World Wide - 1.703.741.5500		
	(- 24 hours / 7 days a week):			
SECTION 2: Hazard Identification				
2.1 GHS US Classification	Combustible Dust			
2.2 Pictograms				
2.3 Signal Word	DANGER			
2.4 Hazard Statements	May form combustible mixtures if dusted in air Keep only in original container. Do not breathe dusts or mists Do not handle until all safety precautions have been read and understood. Absorb spillage to prevent material damage. Store in a corrosion resistant container with a resistant inner liner			
2.5 Precautionary Statements	<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 <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. <b>Disposal:</b> P501 Dispose of contents/container in accordance with local regional/national/international regulations			
2.3 Other Hazards	Dust from product may be irritating to the eyes and respiratory tract. This is an alkali neutralizer - wear the proper PPE for the chemical being neutralized. Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.			
WARNING	This product is used as a Petroleum / Flammable Liquid solidifier. User should wear proper PPE and understand the hazards of the task undertaken and follow the proper protocols and safety procedures.			
NFPA / HMIS Rating	H-0	F-1	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.	
7440-44-0	Activated Carbon	100%	Static dust explosion
***	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 regulations.	
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.		
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 if symptoms develop.		
4.2 Most Important Symptoms And Effects, Both Acute And Delayed			
After Inhalation	Coughing, irritation 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 irritation, redness, burning sensation / eye abrasion		
After Ingestion	Not expected to present a hazard under expected use conditions		
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	Water spray / Dry chemical / Carbon Dioxide / Foam		
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 or static discharge occurs. Dust maybe combustible under certain conditions and may be ignited by heat.		
5.3 Advice to Firefighters		Keep upwind. 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 flammable liquid spill control agent - wear the proper PPE for the chemical being handled		
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.	
	This is an flammable liquid spill control agent, if contaminated with the recovered agent the disposal regulations may change.		
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	

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		Shut off all sources of ignition. Sweep material gently, minimize dusting. Shovel product into clean DRY properly labeled container. Product can be recovered with an explosion proof vacuum or Vac Truck. Use NON sparking tools. Proper respiratory protection is required; see Section 8. Excessive dust generation has the potential to form an explosive mixture in air if near an ignition source or heat. If visibility is obscured for 3 to 5 feet you are in a potentially dust explosive atmosphere.					
		Do not allow wash down to enter streams, ponds and waterways. Clean area with suitable detergent.					
		This product is an Oxygen scavenger. Use caution in enclosed areas / monitor Oxygen content.					
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. <b>Keep product dry until ready for use.</b>					
		Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.					
		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, drinking 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.					
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			
Activated Carbon	7440-44-0	< 5 mg/m3 resp < 15 mg/m3 total	No Data	No Data			
8.2 Appropriate Engineering Controls		Use in well ventilated area - keep product dry until ready to use					
8.3 Individual Protective Measures		PPE					
NOTE		<b>This is a flammable liquid solidifier - wear the proper PPE for the chemical being handled.</b>					
Eye / Face Protection		Safety glasses / Chemical goggles depending on how material is used. Take necessary measures to prevent eye or respiratory 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 cartridge with HEPA pre filter. Maintain levels below listed TLV / PEL.					
		If using product in an enclosed area an SCBA may be required, monitor Oxygen levels.					
		If cleaning up product that has been dispersed in air 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		Solid granules					
Appearance Color		Black					
Odor		None					
Odor Threshold		No Data					

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pH	No Data
Melting / Freezing Point	No Data
Initial Boiling Point / Range	N/A
Flash Point	> 325 C
Evaporation Rate (butyl acetate)	No Data
Upper / Lower Flammability Range	No data
Vapor Pressure	No data
Vapor Density	No Data
Relative Density / Specific Gravity	0.3 - 0.75 g/cc
Water Solubility	Partially
Partition Coefficient, n-octanol / water	No Data
Auto-ignition Temperature	> 325 C
Decomposition Temperature	No Data
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>	Wet product may scavenge oxygen in enclosed spaces
<b>10.4 Conditions to Avoid</b>	Dust formation
	Heat / ignition sources
	Dispersion as a dust
<b>10.5 Incompatible Materials</b>	N/A
<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

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 dust or mists may irritate the respiratory tract					
After Skin Contact		May cause irritation or aggravate pre-existing skin conditions					
After Eye Contact		Can cause eye damage / abrasion					
After Ingestion		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
	Activated Carbon	7440-44-0	> 2000 mg/kg rat	No Data	No Data		Skin / resp
Chronic	Item	CAS	Carcinogen	Teratogen	Reproductivity		
	Activated Carbon	7440-44-0	Not Classified	No	No		

### SECTION 12: Ecological Information

<b>12.1 Eco Toxicity</b>						
<b>Note</b>	<b>Substances listed in section 3 that are NOT listed here have no published Ecological / Biological test data</b>					
Species	Activated Carbon					
Rainbow Trout	No Data					
Water Flea, Daphnia Magna	No Data					
Algae	No Data					

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<b>12.2 Persistence and Degradability</b>	No Data				
<b>12.3 Bioaccumulation Potential</b>	No Data				
<b>12.4 Mobility in Soil</b>	Not considered mobile				
<b>12.5 Other Adverse Effects</b>	None Known				

### SECTION 13: Disposal Considerations

<b>13.1 Waste Treatment Methods</b>	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.
	<b>This is an flammable liquid spill control agent, take into consideration what you have adsorbed</b>

### 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

<b>This SDS complies with requirements of regulation US OSHA Hazard Communication Standard (CFR29, 1910.1200) and ANSI 2400-1-2004</b>							
<b>15.1 US Regulatory Data</b>							
<b>Note</b>	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	0.1%						
Section 304	No ingredients above the reporting threshold						
Sara 311/312	Acute	Chronic	Fire	Pressure	Reactive		
	XX	N/A	N/A	N/A	N/A		
<b>15.1.1 Other Regulatory Data</b>							
CA Prop 65	Does NOT contains items listed in CA Prop 65 to cause cancer						
EINECS	On or in compliance with the inventory.						
Canadian DSL	D2B						

### SECTION 16: Other Information

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<b>Revision #</b>	<b>Date</b>	<b>Approved By</b>	<b>Revision Made</b>
New	06 APR 2006	LS	New
1	26 MAR 2008	LS	Update
2	11 MAY 2012	LS	Update
3	06 MAY 2016	CAK	New Format
4	02 JAN 2018	CAK	Update

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5	05 DEC 2024	DE	New format / check all data
6	11 FEB 2025	DE	Update formatting / Sect 1 /2 /6 /8
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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