

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier ORGANIC VAPOR MONITOR BADGE		[WHMIS Classification] OV-00	
Product Use			
Manufacturer's Name ADVANCED CHEMICAL SENSORS		Supplier's Name ADVANCED CHEMICAL SENSORS	
Street Address 101B GLADES ROAD		Street Address 101B GLADES ROAD	
City BOCA RATON	Province FL	City BOCA RATON	Province FL
Postal Code 33432	Emergency Telephone 561-338-3116	Postal Code 33432	Emergency Telephone 561-338-3116
Date MSDS Prepared 5-27-16	MSDS Prepared By BUILDING HEALTH CHECK, LLC	Phone Number 727-572-4550	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
SPHERICAL BEADS OF CARBON		7440-44-0		
THERE ARE NO KNOWN HAZARDS ASSOCIATED WITH THIS PRODUCT				

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
[Emergency Overview]					
WHMIS Symbols					
Potential Health Effects					

SECTION 4 — FIRST AID MEASURES

Skin Contact WASH SKIN IF CONTACT WITH ACTIVATED CARBON
Eye Contact FLUSH EYES WITH WATER IF CONTACT WITH ACTIVATED CARBON
Inhalation BREATH FRESH AIR IF INHALED
Ingestion THIS PRODUCT SHOULD NOT BE INGESTED. SEEK MEDICAL ATTENTION IF INGESTED.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction			
Flashpoint (° C) and Method		Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)		Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products			
[NFPA]			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
NO PROTECTIVE EQUIPMENT IS REQUIRED.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
GENERAL GOOD WORK PRACTICE AND THE INSTRUCTIONS PROVIDED SHOULD BE FOLLOWED IN THE USE OF THIS PRODUCT.
Storage Requirements

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process)			
Personal Protective Equipment	<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input type="checkbox"/> Eye
		<input type="checkbox"/> Footwear	<input type="checkbox"/> Clothing
			<input type="checkbox"/> Other
If checked, please specify type			

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odour and Appearance	Odour Threshold (ppm)
Specific Gravity	Vapour Density (air = 1)	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones?

Reactivity, and under what conditions?

STABLE IN PACKAGED PRODUCT

Hazardous Decomposition Products

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Effects of chronic exposure

Irritancy of Product

Skin sensitization	Respiratory sensitization
Carcinogenicity-IARC	Carcinogenicity - ACGIH
Reproductive toxicity	Teratogenicity
Embrototoxicity	Mutagenicity

Name of synergistic products/effects

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal
DISPOSAL IN SANITARY LANDFILL AFTER USE IS PERMISSIBLE.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information	
	PIN
TDG	[DOT]
[IMO]	[ICAO]

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]	[OSHA] US OSHA PEL: ACTIVATED CARBON 2.9 MG/M AS INHALED DUST
[SERA]	[TSCA]
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</i>	

SECTION 16 — OTHER INFORMATION

SEE ADDENDUM FOR ADDITIONAL INFORMATION



Advanced Chemical Sensors

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MATERIAL SAFETY DATA SHEET

Product Name: Organic Vapor Monitor Badge – Cat. No. OV-00

There are no known hazards associated with this product. General good work practice and the instructions provided should be followed in the use of this product. This MSDS applies to Category Numbers that begin with "OV".

Materials of Construction: Nylon, Nickel Plated Steel, Polypropylene, Teflon®, Activated Carbon

Consult the MSDS for each material if there is concern about usage. The product should be handled with care. It should not be ingested. There are no special precautions required for shipping, storage, skin contact, or eye contact. The Nylon cap should not be opened.

This product does not contain volatile organic compounds.

Interior Contents: Spherical beads of activated carbon. (CAS #7440-44-0) Activated Carbon-approximately 1 gram. No exposure if product is used as directed.

Fire and Explosion Hazard: Inflammable

Reactivity Data: Stable in packaged product.

Spill or Leak Procedure: No protective equipment is required. Disposal in sanitary landfill after use is permissible. Wash eyes and skin if contact with activated carbon. Breathe fresh air if inhaled. Seek medical attention if ingested. US OSHA PEL: Activated Carbon-2.9 mg/m³ as inhaled dust.
