

MATERIAL SAFETY DATA SHEET

N/A - Not Applicable

N.D. - Not Determined

SECTION 1 - MATERIAL IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Envirosorb (106.1012)	Manufacturer's Name & Address: Enviroflex International Inc 17 Brownridge Rd Unit 8 Halton Hills, Ontario L7G 0C6 Phone No.: (905) 636-1177 Fax No.: (905) 636-1178
Trade Name: Envirosorb	Supplier's Name & Address: Enviroflex International Inc 17 Brownridge Rd Unit 8 Halton Hills, Ontario L7G 0C6 Phone No.: (905) 636-1177 Fax No.: (905) 636-1178
Chemical Identity: Activated Carbon	
Synonyms: Envirosorb	
Chemical Formula: C	Molecular Weight: 12
Chemical Family: N/A	
Material Use: Air Purification	

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Number	Exposure Limits	LD50/LC50 Specify Species & Route
Activated Carbon	100%	7440-44-0	N/A	LD50>10g/kg Oral - Rat

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>	Odour & Appearance Odorless Black Granules	Odour Threshold (ppm) N/A	Specify Gravity Packed Density .4 - .5 g/cc
Vapour Pressure (mm) N/A	Vapour Density (Air=1) N/A	Evaporation Rate N/A	Boiling Point (°C) N/A
Solubility in Water (20°C) Insoluble	% Volatile (by Volume) N/A	PH 8.9	Freezing Point (°C) N/A
Coefficient of water/oil distribution N/A			

SECTION 4 - FIRE & EXPLOSION HAZARD OF MATERIAL

Flammability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes, if ignition temperature >400°C		
Means of Extinction If involved in fire, flood with plenty of water			
Special Procedures Since wet activated carbons absorb oxygen, do not enter a closed area without using a self-contained breathing apparatus.			
Flashpoint (C) and Method N/A	Upper explosion limit(% by volume) N/A	Lower explosion limit (% by volume) N/A	

Auto Ignition Temperature(C) N/A	Sensitivity to Static Discharge N/A	Hazardous Combustion Products CO may be generated in event of combustion.	
Explosion Data Sensitivity to Mechanical Impact N/A	Rate of Burning N.D.	Explosive Power: N/A	
SECTION 5 - REACTIVITY DATA			
Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, under which conditions			
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If so, which ones? Strong oxidizers such as ozone, liquid oxygen and chlorine, etc.			
Reactivity and under what conditions: N/A			
Hazardous Decomposition Products: Carbon monoxide may be generated in the event of fire.			
SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT			
Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute <input checked="" type="checkbox"/> Inhalation Chronic <input type="checkbox"/> Ingestion			
Effects of Acute Exposure to Product N/A			
Effects of Chronic Exposure to Product: N.D.			
LD50 of Product (specify Species and Route): Acute oral non-toxic through ingestion, >10 g/kg (RAT)	Irritancy of Product N/A	Exposure Limits of Product: N/A	
LD50 of Product (Specify Species): >64.4 mg/1 (RAT)	Sensitization to Product: None	Synergistic Materials N/A	
<input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Reproductive effects <input type="checkbox"/> Teratogenicity <input type="checkbox"/> Mutagenicity N/A			
SECTION 7 - PREVENTIVE MEASURES			
Personal Protective Equipment: Normal Work Clothes Normal work clothes			
Gloves (Specify): Rubber	Respiratory (Specify): Particulate Mask	Eye (Specify): Safety glasses/goggles	Footwear (Specify) N/A
Clothing (Specify) Full Clothing		Other (Specify): N/A	
Engineering Controls (e.g. Ventilation, enclosed process, specify) Handle in well ventilated area			
Leak & Spill Procedure Sweep up unused material in refuse container			
Waste Disposal Dispose of in accordance with all Government regulations			
Handling Procedures & Equipment Wet Envirosorb removes oxygen from air causing a severe hazard to workers inside Envirosorb vessels and enclosed or confined spaces. Before entering such areas, sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, observing all Government regulations.			
Storage Requirements Store in a closed container in a cool dry area			

Special Shipping Information N/A		
SECTION 8 - FIRST AID MEASURES		
Skin Wash with soap and water		
Eye Flush with plenty of water for at least 15 minutes. Consult a physician.		
Inhalation Move to clean air. Consult a physician.		
Ingestion N/A		
General Advice N/A		
SECTION 9 - PREPARATION DATE OF M.S.D.S.		
Additional Information WHMIS CLASS B		
Sources Used MSDS for activated carbon from Calgon Carbon Corp, Barnebey & Sutcliffe Corp, COH		
Prepared By Enviroflex International Inc.	Telephone: (905) 636-1177	Date: February 4, 2010

Enviroflex International Inc. requests the user of this product to study this Material Safety Data Sheet (MSDS) and become aware of product hazards and safety information. To promote safe use of this product, a user should (1) notify its employees, agents or contractors of the information on this MSDS and any product hazards and safety information, (2) furnish this same information to each of its customers for the product, and (3) request such customers to notify their employees and customers for the product of the same product hazards and safety information.