

# HYDROWEED

## MATERIAL SAFETY DATA SHEET

Product Name: HYDROWEED	Chemical, Synonyms and Family: PEAT, SPHAGNUM	Material use: ABSORBENT FOR OIL AND OIL-BASED CHEMICAL SPILLS	
Distributor's Name: BEFREETECH.com		Address: 285 West Country Circle Drive Port Orange, Florida [ 32128 ]	
Telephone Number: (386) 243-9181	Emergency Telephone Number (386) 243-9181	U.N. Number None	T.D.G. Classification NOT CLASSIFIED

### I. INGREDIENTS OF PRODUCT

Components	Exposure Limits	% Wt./Wt.
PEAT	ACGIH TLV	>95%
SOIL	NONE ESTABLISHED (REGARDED AS A NUISANCE PARTICULATE) 10mg/m <sup>3</sup>	<5%

### II. PHYSICAL DATA FOR PRODUCT

Boiling Point °C, 760 mm Hg. SOLID, NOT APPLICABLE	Melting Point °C NOT APPLICABLE	Vapour Pressure (mm Hg) NEGLIGIBLE
Vapour Density (Air = 1) SOLID, NOT APPLICABLE	Solubility in H <sub>2</sub> O% by Wt. NOT SOLUBLE, WILL REPEL H <sub>2</sub> O	Appearance, Odour BROWN, ODOURLESS POWER MIXTURE
pH APPROXIMATELY 5	Percent Volatile by Wt. NOT APPLICABLE	Evaporation Rate (NOT APPLICABLE = 1)

### III. FIRE AND EXPLOSION DATA FOR PRODUCT

Flash point (Test Method)  NOT APPLICABLE		
Auto Ignition Temp. 265-289°C	Lower Flammable Limits in Air % by Volume UNKNOWN	Upper Flammable Limits in Air % by Volume UNKNOWN
Fire Extinguishing Substances <input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER (SPECIFY) HYDROWEED CAN BE EXTINGUISHED BY ANY FIRE EXTINGUISHING AGENT		
Unusual Fire and Explosion Hazards IN THE EVENT OF A FIRE WHILE HYDROWEED IS BEING USED AS AN ABSORBENT, THE RECOMMENDED FIRE EXTINGUISHING MEDIA FOR THE SPILLED OIL OR OIL-BASED CHEMICAL SHOULD BE USED.		

### IV. REACTIVITY DATA FOR PRODUCT

<b>Incompatibility</b> <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OXIDIZING MATERIAL <input type="checkbox"/> ACID <input type="checkbox"/> BASE <input type="checkbox"/> OTHER		
If Other (please specify) NOT APPLICABLE	Materials to Avoid NONE	Hazardous Decomposition Products NOT APPLICABLE
Stability STABLE	Can Hazardous Polymerization Occur? NO	Storage Precautions STORE IN A DRY PLACE

### V. HEALTH HAZARD INFORMATION FOR PRODUCT

Effects of Over Exposure (Both Chronic and Acute) (Inhalation, Ingestion, Eyes, Skin)	
INHALATION:	MAY BE SLIGHTLY IRRITATING AT VERY HIGH CONCENTRATIONS
INGESTION:	NO KNOWN HEALTH HAZARD
EYES:	DUST PARTICLES MAY CAUSE EYE IRRITATION
SKIN:	NO KNOWN HEALTH HAZARD
N.B.: The above information is intended for unused HYDROWEED. Consult with chemical Manufacturer for health hazard information for oil and oil-based chemicals.	

### VI. TOXICITY DATA LD<sub>50</sub> AND LC<sub>50</sub> AND SPECIES FOR PRODUCT OR INGREDIENTS

A STATIC LT <sub>50</sub> TOXICITY TEST WAS PERFORMED BY ENVIRONMENTAL PROTECTION SERVICES, ATLANTIC REGION, ENVIRONMENT CANADA (84.02.22) (FILE 4490-3). THE STATIC LT <sub>50</sub> TOXICITY TEST EXPOSED FISH TO 1,000 AND 5,000 mg/l OF SEAWATER FOR A 96 HOUR PERIOD. ALL FISH SURVIVED WITH NO OBSERVABLE ILL EFFECTS. THEREFORE AN LC <sub>50</sub> TEST WAS NOT REQUIRED
Emergency and First Aid Procedures (Inhalation, Ingestion, Eyes, Skin)
INHALATION: REMOVE TO FRESH AIR IF IRRITATION OCCURS. IMPLEMENT APPROPRIATE CONTROLS TO PREVENT FURTHER EXPOSURE
INGESTION: NORMALLY NOT NECESSARY TO INDUCE VOMITING. CONSULT A PHYSICIAN IF PAIN OR DISCOMFORT OCCURS
EYES: IF DUST ENTERS EYES, FLUSH EYES WITH RUNNING WATER TO REMOVE PARTICLES
SKIN: WASH AFFECTED AREAS WITH SOAP AND RUNNING WATER TO REMOVE PARTICLES
N.B: This information is intended for unused HYDROWEED. Consult with manufacturer of spilled oil or oil-based chemical absorbed onto HYDROWEED for emergency and first aid information

### VII. SPILL OR LEAK PROCEDURES

Steps to be Taken Upon Release or Spillage (including Neutralizing Chemicals) SHOVEL OR SWEEP UP UNUSED HYDROWEED
<b>Waste Disposal Methods</b> UNUSED HYDROWEED IS NOT A HAZARDOUS WASTE CONSULT QUALIFIED PERSONNEL FOR DISPOSAL TREATMENT OF HYDRO-CARBON SATURATED HYDROWEED. SINCE DISPOSAL OF HAZARDOUS WASTE IS CONTROLLED BY MUNICIPAL, PROVINCIAL, STATE AND FEDERAL LAWS, CONTACT THESE AUTHORITIES FOR GUIDANCE.

### VIII. SPECIAL PROTECTION INFORMATION FOR PRODUCT

<b>Ventilation, Requirements, (Local or General - Specify)</b> LOCAL, GENERAL, AND/OR NATURAL VENTILATION MUST KEEP DUST CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMIT FOR NUISANCE DUSTS
<b>Respiratory Protection (Specify)</b> NIOSH APPROVED DUST RESPIRATOR SHOULD BE USED IF CONCENTRATIONS EXCEED THE RECOMMENDED EXPOSURE LIMITS OR IF ANY RESPIRATORY IRRITATION OCCURS
<b>Eye Protection</b> SAFETY GLASSES WITH SIDE SHIELDS
<b>Protective Gloves, Clothing</b> PROTECTIVE GLOVES OR CLOTHING ARE NOT REQUIRED FOR HYDROWEED BUT MAY BE NECESSARY TO HANDLE ABSORBED MATERIAL
<b>Other Protection, Special Precautions, Comment</b> NOT APPLICABLE
<b>References Used to Complete M.S.D.S.</b> ALBERTA OCCUPATIONAL HEALTH AND SAFETY ACT CHEMICAL HAZARD REGULATIONS; ACGIH DOCUMENTATION OF TLVs.; DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION, N.IRVING SAX
Approved by: <i>Kurt Annenheim</i> Approved by:

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Date: September 09, 2010