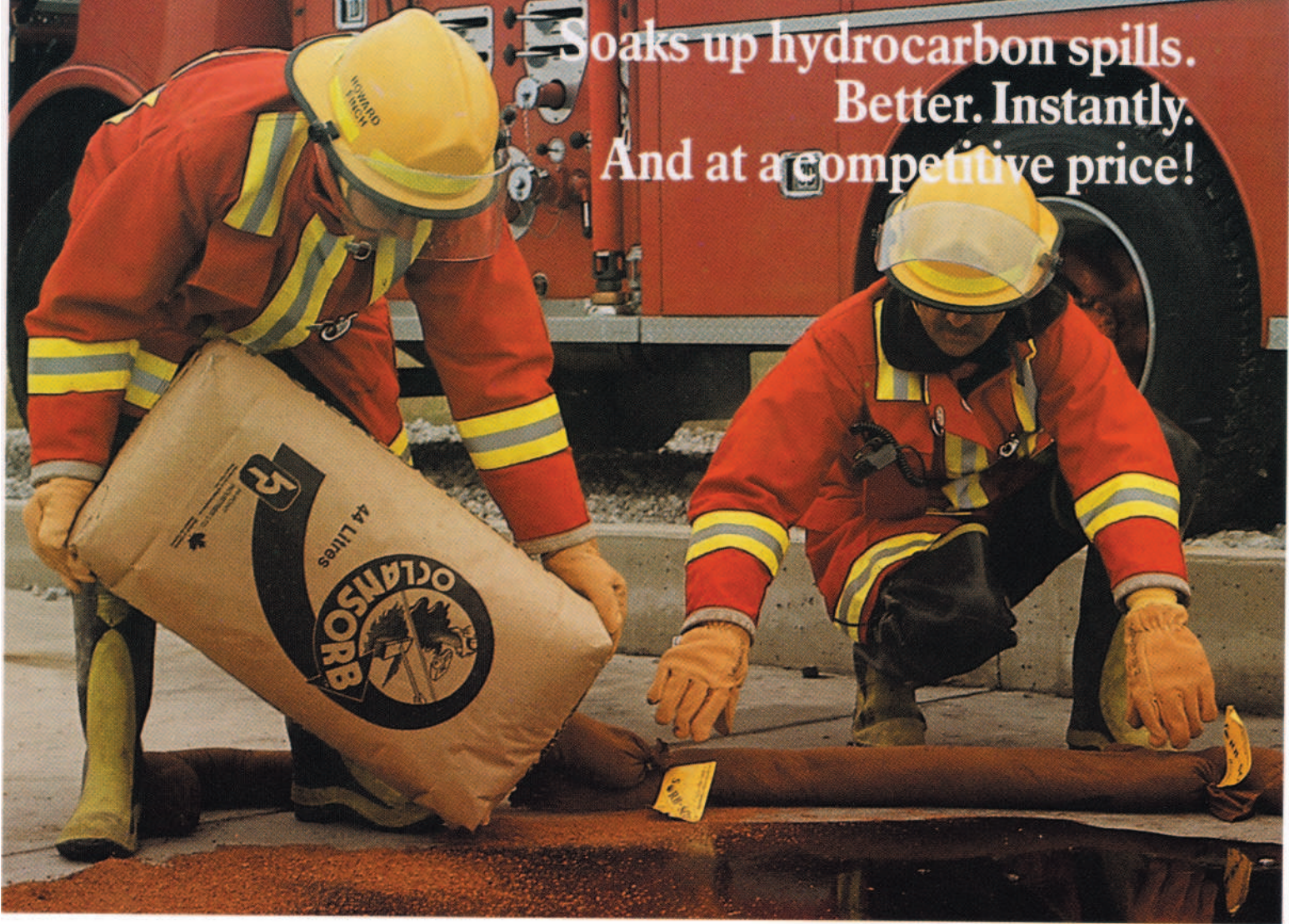


# OCLANSORB™

Soaks up hydrocarbon spills.  
Better. Instantly.  
And at a competitive price!



...ON LAND

...ON WATER

# OCLANSORB™ ABSORBS OIL

Sometimes, the sorbents you use to clean up an oil spill can be more of a problem than a solution. Conventional sorbents work slowly when applied to a spill and may subsequently release the oil, violating regulatory leachate standards. OCLANSORB absorbs on contact to contain the spill. Because of its high and immediate absorbency, it saves valuable clean-up time.

## EFFICIENT

OCLANSORB absorbs up to 12 times its weight. Less storage space is needed, transportation and handling are made easier and disposal costs are reduced when using OCLANSORB.

## COST EFFECTIVE

OCLANSORB with its high absorption capacity results in low

clean-up costs. While other oil absorbents may seem less expensive at first glance, OCLANSORB is actually more cost-effective. For example, it absorbs medium-weight oil 15 times more efficiently than clay.

## OCLANSORB GIVES YOU THE NATURAL ADVANTAGE

## ORGANIC NON-TOXIC

OCLANSORB is an organic, non-toxic product which can be disposed of in a landfill or by

incineration in accordance with regulatory authority guidelines.

## ABSORBS OIL NOT WATER

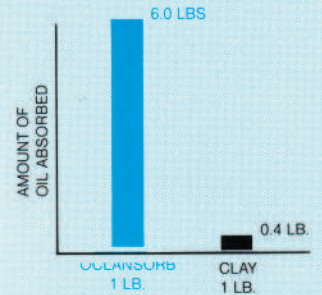
OCLANSORB is ideal for use on water. It is hydrophobic, i.e. it does not absorb water, and it is oleophilic, i.e. it quickly absorbs oil allowing for immediate clean-up.

## MEETS LEACHATE STANDARDS

OCLANSORB will not release soaked-up oil. An independent laboratory test has shown that OCLANSORB meets leachate standards in Canada and the U.S. when used to absorb oil containing PCBs, some organo-chlorinated pesticides, cadmium, chromium and lead.

## OCLANSORB VS CLAY

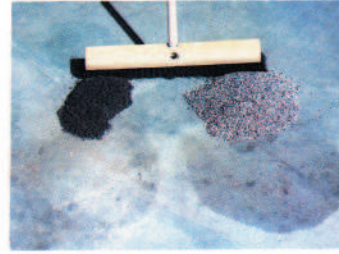
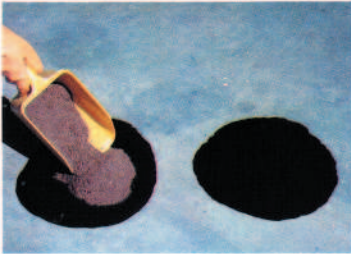
OCLANSORB absorbs six times its weight in medium oil. Clay-based products absorb, on average, 0.4 times their weight. One pound of OCLANSORB will clean up 15 times more oil than one pound of a clay-based product.



# ... ON LAND

OCLANSORB applied to spills on water absorbs oil or oil-based fluids instantly for quick collection and

disposal. OCLANSORB only soaks up the oil, it will not absorb water.



## Ecological

Because OCLANSORB is completely natural, it can be used liberally without harming the environment.

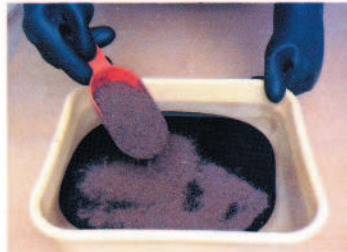
Disposal is quick and inexpensive in either incinerators or landfills, local regulations permitting.

# ... ON WATER

Every contingency clean-up plan should include OCLANSORB as the first response for handling hydrocarbon spills ... efficiently, ecologically and economically.

OCLANSORB soaks up oil spills quickly and effectively. It can be applied by hand, with a blower or

applicator. OCLANSORB absorbs instantly, drawing oil into its natural fibres.



Disposal: Incineration or landfill according to government regulations

# ON CONTACT



## LIQUIDS ABSORBED BY OCLANSORB™

### ALCOHOLS AND ETHERS

Butanol  
Ethanol  
Ethyl Ether  
Ethylene Glycol  
Isobutanol  
Isopropanol  
Methanol  
Propanol

### HYDROCARBONS

Cyclohexane  
Diesel Fuel  
Gasoline  
Heptane  
Hexane  
Hexene (97%)  
Motor Oil 10W30  
Motor Oil 5W30  
Paraffin Oil  
Pentane  
Varsol  
Kerosene  
Jet Fuel  
Petroleum Ether  
Bunker C

### AROMATICS

Benzene  
Toluene  
Xylene  
Phenol (48% in acetone)

### CARBONYL COMPOUNDS

Acetone

### CHLORINATED SOLVENTS

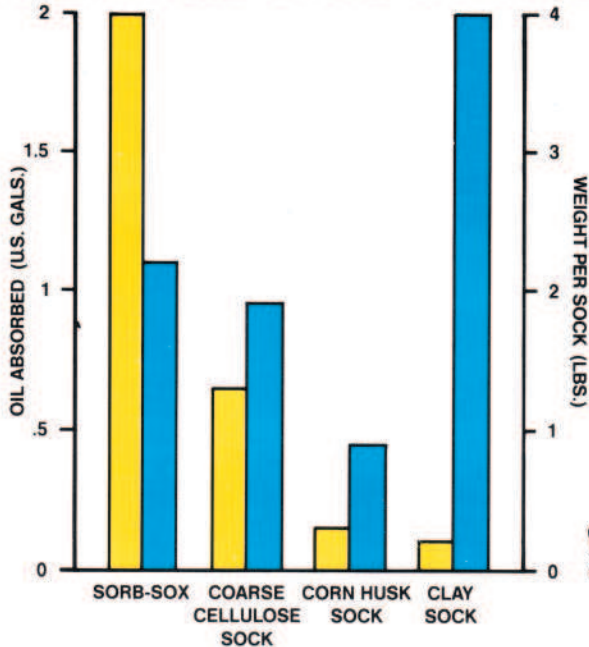
Carbon Tetrachloride  
Chloroform  
Dichloromethane

### MISCELLANEOUS

Acetonitrile  
Carbon Disulfide  
Cutting Oils  
Silicone Oil (100cs)  
Tetrahydrofuran  
Canola Oil  
Corn Oil  
Scintillation Liquid

## SORB-SOX

THE SPILL STOPS HERE.



■ U.S. GALLONS OF MEDIUM OIL ABSORBED PER SOCK  
■ WEIGHT OF INDIVIDUAL SOCKS (LBS.)

Based on Canadian General Standard Board approved test methods.



MANUFACTURED BY:

**HI-POINT INDUSTRIES LTD.**

P.O. Box 779, Sunset Drive  
Bishop's Falls, NL Canada A0H 1C0  
Tel: (709) 258-6274 • 258-5456  
Fax: (709) 258-5905  
Web Site:  
[www.oclansorb.ca](http://www.oclansorb.ca)  
[www.oilabsorbents.ca](http://www.oilabsorbents.ca)  
E-mail: [oclansorb@nf.sympatico.ca](mailto:oclansorb@nf.sympatico.ca)

DISTRIBUTED BY:



SORB-SOX are powerful. More powerful than any other sock on the market. One SORB-SOX alone will absorb 8 litres or 2 U.S. gallons of oil.

# OCLANSORB®

## MATERIAL SAFETY DATA SHEET

Product Name: OCLANSORB	Chemical, Synonyms and Family: PEAT, SPHAGNUM	Material use: ABSORBENT FOR OIL AND OIL-BASED CHEMICAL SPILLS	
Manufacturer's Name: HI-POINT INDUSTRIES LTD.		Address: P.O. Box 779, 141 Sunset Drive Bishop's Falls, NL., Canada A0H 1C0	
Telephone Number: (709) 258-6274	Emergency Telephone Number (709) 724-9090	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) <p style="text-align: center;">NOT APPLICABLE</p>		
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) <p style="text-align: center;">OCLANSORB CAN BE EXTINGUISHED BY ANY FIRE EXTINGUISHING AGENT</p>		
Unusual Fire and Explosion Hazards IN THE EVENT OF A FIRE WHILE OCLANSORB 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

<input type="checkbox"/> WATER <input checked="" type="checkbox"/> <b>Incompatibility</b> 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: INGESTION: EYES: SKIN:	MAY BE SLIGHTLY IRRITATING AT VERY HIGH CONCENTRATIONS NO KNOWN HEALTH HAZARD DUST PARTICLES MAY CAUSE EYE IRRITATION NO KNOWN HEALTH HAZARD
N.B.: The above information is intended for unused OCLANSORB. 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

<p>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/1 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</p>
<p>Emergency and First Aid Procedures (Inhalation, Ingestion, Eyes, Skin)</p> <p>INHALATION: REMOVE TO FRESH AIR IF IRRITATION OCCURS. IMPLEMENT APPROPRIATE CONTROLS TO PREVENT FURTHER EXPOSURE</p> <p>INGESTION: NORMALLY NOT NECESSARY TO INDUCE VOMITING. CONSULT A PHYSICIAN IF PAIN OR DISCOMFORT OCCURS</p> <p>EYES: IF DUST ENTERS EYES, FLUSH EYES WITH RUNNING WATER TO REMOVE PARTICLES</p> <p>SKIN: WASH AFFECTED AREAS WITH SOAP AND RUNNING WATER TO REMOVE PARTICLES</p> <p>N.B: This information is intended for unused OCLANSORB. Consult with manufacturer of spilled oil or oil-based chemical absorbed onto OCLANSORB for emergency and first aid information</p>

### VII. SPILL OR LEAK PROCEDURES

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

### VIII. SPECIAL PROTECTION INFORMATION FOR PRODUCT

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

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Date: January 2006