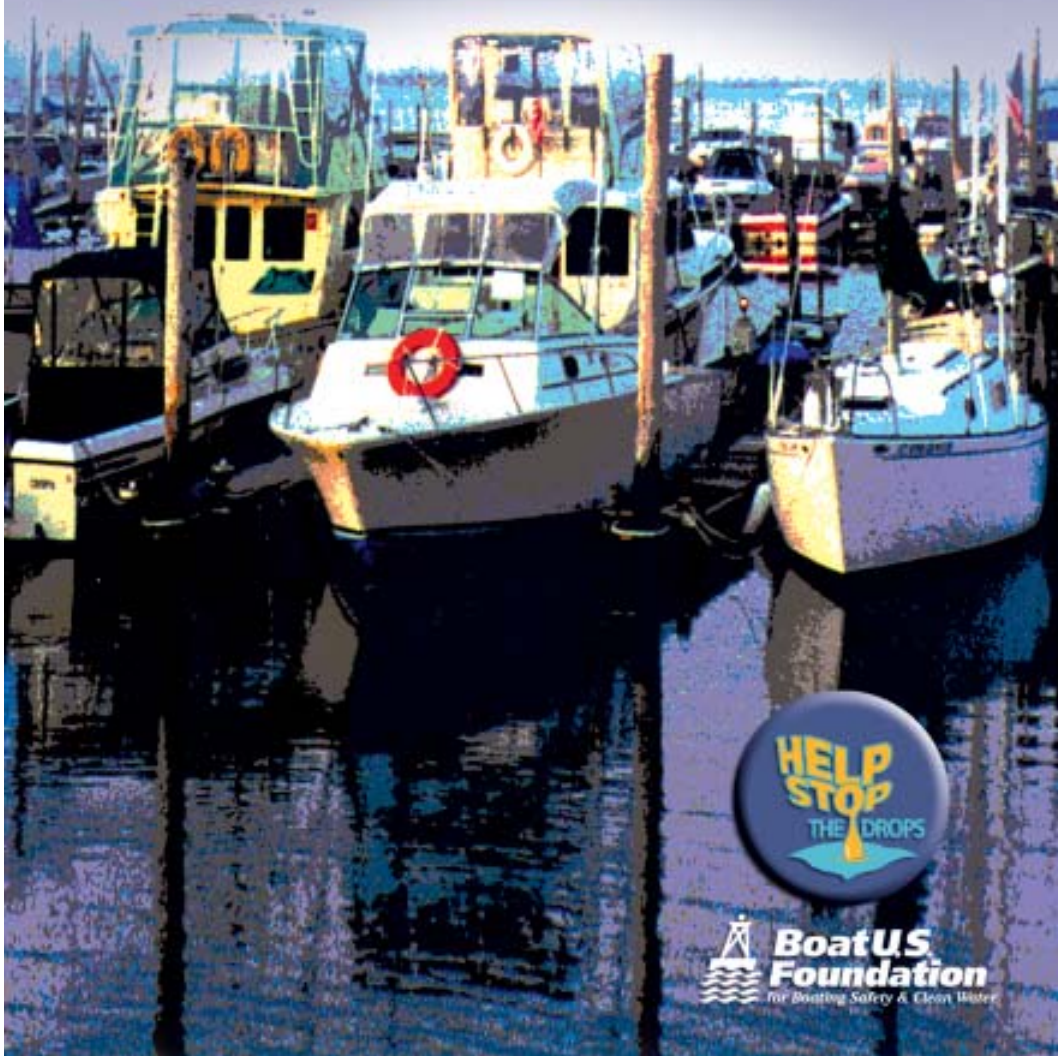


Don't Let Fuel Spills Foul Up Your Bottom Line

Help Stop the Drops!



**BoatUS
Foundation**
For Boating Safety & Clean Water

Caring for Our Waterways is Good Business

Everyone in the marine industry needs clean water. And keeping it clean is just good business. Without it, we don't have boating, and without boating... well, you know where that leaves you. So join in and "Help Stop the Drops"! Do it for your business, do it for our environment, and do it for our future boaters.

It pays to keep it clean – at marinas

This booklet is designed to introduce you to ways to prevent drips and drops from occurring when fueling up boats, and to help prevent, contain and clean up spills when they happen. And avoid costly fines too!

Making a difference is as easy as 1, 2, 3!

- 1** We'll walk you through the basic laws governing fuel spills.
- 2** We'll introduce you to some of the products available for use at your fuel dock, by your staff and by your customers.
- 3** We'll give you specific information from vendors to solve your marina's needs.



What's the law?

Under federal law, it's illegal to discharge oil or hazardous substances into the water. Any amount that creates a sheen, even a few drops, is against the law. (So it's really important to take precautions!) By law, any sheen must be reported immediately to the **U.S. Coast Guard National Response Center at 1-800-424-8802**.

It's also illegal for marina operators or boaters to "treat" a sheen by putting anything on it that will disperse, emulsify or coagulate it. This includes detergents. Current USCG penalties for spilling, or not reporting, or "treating" a sheen go up to \$32,500. Even if you are not on waters with USCG jurisdiction, you are subject to a similar state law.

Spill! . . . now what?

If there is a spill or discharge in your marina, immediately refer to your marina's spill response plan. Identify and stop the source of the leak. For smaller spills, use oil absorbent pads or booms to contain and clean up. Contact the USCG National Response Center with the size, source and substance of the spill. They will determine the next step and may send someone out. As soon as possible, contact the boater and/or their insurance company.

Heads up!

If your marina can store more than 1,320 gallons of fuel, you may need an EPA Spill Prevention, Control and Countermeasure (SPCC) Plan. You may also need to file annual EPA Tier II reports with your local fire department. If you would like help with creating a spill response plan or need clarification on SPCC or Tier II requirements, feel free to contact us—we can help. Or, for more information check out www.epa.gov/oilspill/spcc.htm or www.epa.gov/swercepp/tier2.htm.



These Tools Will Make Your Job Easier!

ASK YOUR VENDOR FOR "OIL-ONLY" ABSORBENT PRODUCTS.



Spill Kit for Marinas
Custom assortment of booms, pads, gloves, and disposal bags in a sturdy case for dockside emergency response.



Spill Booms
Typically sausage-shaped absorbents, in 4' lengths or longer, and can be hooked together. Put around a boat, dock or large spill.



Disposal Barrels
Steel, vented barrels used for temporary storage of used absorbents.



Fuel Vent Collection
Fits over your fuel tank vent when refueling. Attaches with suction cups and collects overflow from vent.



Absorbent Pads
Looks like a diaper. Use like a paper towel or sponge to absorb fuel/oil and not water.



Fuel Bib
Shaped like a small baby bib. Slides over fuel filler neck to catch drips and overflow.



Fuel Collar
Shaped like a donut. Slides over fuel nozzle to catch overflow and prevent back-splash.



Bilge Socks
Sausage or pillow shaped absorbent. Use in boat bilge to collect ongoing fuel/oil drops.



Spill Kit for Boaters
Prepacked assortment including pads, socks, and booms, often in a soft case.

Here's Where to Find Them

Manufacturer	spill kits for marinas	booms, sweeps, skimmers	disposal barrels	fuel vent collection	absorbent pads, mats, wipes	fuel bibs, collars	bilge socks, pillows	spill kits for boaters
Absorption Corporation www.socksandpads.com 800-962-6737	✓	✓	✓		✓	✓	✓	✓
AbTech Marine Products, LLC www.abtechmarineproducts.com 914-469-0788	✓	✓			✓		✓	✓
Advanced Aquatic Products http://cleanwater.hypermart.net/ 800-738-7646	✓	✓	✓		✓	✓	✓	✓
Blue Ribbon Environmental www.bre-products.com 800-436-1050	✓	✓	✓		✓	✓	✓	✓
Centek Industries www.centekindustries.com 800-950-7653	✓	✓		✓	✓	✓	✓	✓
ChemTex www.chemtexinc.com 877-431-0200	✓	✓	✓		✓		✓	✓
Clean Water Solutions, Inc. www.oileradicator.com 508-993-5089		✓					✓	
D.A.W.G Products www.dawginc.com 800-935-3294	✓	✓	✓		✓		✓	✓
Enviro Marine www.enviromarine.com 888-242-5799	✓	✓	✓	✓	✓	✓	✓	✓
No Spill www.nospills.com 800-847-4302				✓				
Petroleum Environmental, LLC www.enviro-bond.com 603-964-2740	✓	✓	✓		✓	✓	✓	✓
New Pig www.newpig.com 800-468-4647	✓	✓	✓		✓	✓	✓	✓
Universal Remediation www.petrolrem.com 877-788-2444		✓				✓		
3M Products www.3M.com 877-366-2746	✓	✓			✓		✓	

Manufacturer's Directory

Absorption Corporation

www.socksandpads.com

800-962-6737

Absorption Corp., a subsidiary of International Absorbents, offers a variety of oil-only absorbent "Absorbent W" brand products that range from bilge pads to marina spill kits. Most of their marine products incorporate Absorbent-W which "scrubs" the water, leaving only "clean" water to filter out. Absorbent-W products are made of treated organic wood fiber cellulose and absorbed materials won't leak or squeeze back out. By absorbing and drawing spills to its inner core, instead of just coating outside surfaces, Absorbent-W products are effective until fully saturated.

AbTech Marine Products, LLC

www.abtechmarineproducts.com

914-469-0788

AbTech's products feature patented "Smart Sponge" technology which absorbs and encapsulates oil, gas, and other hydrocarbons from surface water and transforms it into a "solid" waste. No amount of pressure will re-release the toxic materials. Smart Sponges, which have a semi-solid rubber feel, can be made in many lengths and can be hooked together to form longer lengths. Sorbents can be used for PWCs, boats, marina fuel docks and other applications. AbTech also offers a variety of customized storm water drain management devices, some of which are specially treated with anti-microbial material that helps remove harmful bacteria from storm water runoff.

Advanced Aquatic Products

<http://cleanwater.hypermart.net/>

800-738-7646

Advanced Aquatic Products offers an assortment of spill control sorbents for boats and marinas of all sizes. Products like the "Fueling Friend" nozzle ring, the "Bilge Bud-E" bilge pillow, and the "EnviroSorb" boom, capture, encapsulate and harden hydrocarbons, without absorbing surrounding water. And, they prevent odor and volatile fuel evaporation. Once absorbed and hardened, the petroleum contaminants can't be squeezed back out. Because of these characteristics, and the fact that they won't break down after use, Advanced Aquatic Products make for easy and safe clean-up and disposal options. Used products require no special preparation prior to legal disposal.

Blue Ribbon Environmental

www.bre-products.com

800-436-1050

Blue Ribbon Environmental offers specially designed spill prevention, response, containment and marina and boat maintenance products. Many products use "ProZorb," which encapsulates hydrocarbons so they won't leach back out. If left in contact with pollutants, a natural bioremediation process takes place and microorganisms begin to consume the gas and oil. ProZorb products float, absorb up to 60 times their weight, and are made in shapes and sizes from small socks and pillows to dock wrappers and boom skimmers. They also offer fuel bibs that go over nozzles and have special fueling platforms for portable gas tanks and PWCs.

Centek Industries

www.centekindustries.com

800-950-7653

Centek Industries infuses "Mycelx", a patented compound, in its pads, booms, filters and other products to attract and bond oil, gas, and diesel to the absorbent, and repels water without letting the hydrocarbons leach back out. They have spill kits designed in a compact size for boaters and a larger hard pack for dock-side use. The distinctive Mycelx yellow color can be seen in their lightweight products such as large throw pads, rugs, sweeps and uniquely designed booms with "fingers" to maximize the surface area and effectiveness of clean-up efforts resulting in potentially substantial savings in labor, time and material cost.

ChemTex

www.chemtexinc.com

877-431-0200

Chemtex specializes in marine and industrial sorbents for the recreational and commercial marine industry. Chemtex has sorbent rolls, booms, socks, pillows, and other products in many shapes and sizes, and is available 24 hours a day. In addition to standard polypropylene sorbent products, Chemtex also manufactures a specialty hydrocarbon-solidifying polymer, which encapsulates oil and turns it into a non-leaching and non-bio-degradable rubber-like substance, allowing for multiple safe disposal options. Chemtex offers a large assortment of secondary containment products and accessories for the marina such as disposal drums, drain protectors and spill dams.

Clean Water Solutions, Inc.

www.oileradicator.com

508-993-5089

Clean Water Solutions uses billions of naturally occurring microbes that eradicate oil by eating and digesting it, leaving behind harmless by-products such as oxygen, water, and fatty acids. Clean Water Solutions products are called "POOF" which stands for "Pollutants and Oils Onto Fishfood". Microscopic microbes, nature's way of recycling, are compressed into tablets and are inserted into a foam block. They become active oil consuming "bio-bugs" when introduced with pollutants found in bilges, marinas and waste water drains. Products are made in-house and can be customized and tailored into any specific shape or size.

D.A.W.G Products**www.dawginc.com****800-935-3294**

D.A.W.G. Inc ("Doing Away With Grime") has products for the recreational boat owner and marina operator, including oil absorbents in all possible shapes and sizes. A "soft-sided" fuel spill kit for the boater fits neatly aboard while larger kits, oil booms and sump and drain socks help marinas comply with "Clean Marina Standards". In addition to absorbents and spill kits, D.A.W.G. also offers disposal and storm water compliance products that meet stringent EPA, OSHA and DOT requirements. D.A.W.G. can even supply or recommend a service for scheduled pick-up and disposal of spent product and replenish your inventory needs.

Enviro Marine**www.enviromarine.com****888-242-5799**

For marinas, Enviro Marine offers bulk pads, rolls and booms and a unique disposal method that allows "re-use" of saturated absorbents. A "Spill Stop" drip guard slips over the fuel nozzle preventing drips and potential backplash. The "Spill Stop" kit has a "pillow" absorber with suction cups to affix directly below the boat's tank vent while fueling. When not refueling, this device can be placed under your engine to catch drips. For boat bilges, soft pliable socks and booms called "Remedy-8" are offered. Remedy-8 "eats" oil, transforming it into carbon dioxide and water. After the process is complete, the outer sock material is left.

Petroleum Environmental, LLC**www.enviro-bond.com****603-964-2740**

Lakefront Enterprises, Inc. distributes several specialty products designed for the environmental and marine industries. The Enviro-Bond™ line of polymer products have been engineered for the absorption, encapsulation, stabilization and solidification of a wide range of liquid organic and synthetic hydrocarbons and aqueous solutions. Unlike other products that just absorb spills, polymers form a permanent bond with diesel fuel, gasoline, engine oil and many other liquid hydrocarbon products. Enviro-Bond's vapor suppressive ability will eliminate spontaneous combustion and unintentional spontaneous ignition hazards in almost all situations. Enviro-Bond products are approved for simple household trash disposal in many states.

New Pig**www.newpig.com****800-468-4647**

New Pig maintains a catalog and website with spill containment and clean-up products with many solutions for oil and petroleum spills on water as well as chemical spills on land. Absorbent socks, booms, pillows and mats are available to handle nearly any spill scenario. Convenient soft-sided and drum-style spill kits are also available, ready for dockside uses. New Pig also offers several spill decks and containment pallets for fluid dispensing and waste collection areas as well as drain guards and sump skimmers to help keep oily parking lot run-off from contaminating our waters.

Universal Remediation**www.petrolrem.com****877-788-2444**

Universal Remediation, the manufacturer of "PRP", "Bio-Sok" and "Bio-Boom" has concentrated on the containment and "natural" remediation of spills through a 100% natural and biodegradable process. The patented PRP (Petroleum Remediation Product) uses naturally occurring microorganisms and is available in both socks and booms. Universal Remediation's products start to immediately "eat" and biodegrade oil once in contact—this natural method provides for a wide range of uses from onboard seasonal "maintenance" to fuel spills on the water to marina drainage systems. Because of its natural remediation process, there is nothing hazardous to dispose.

3M Products**www.3M.com****877-366-2746**

3M petroleum sorbents are used for controlling, cleaning up and recovering oil and petroleum based liquids. 3M has several oil-only sorbent products from mats to booms that can be purchased at local retailers. Products are offered in a variety of sizes for applications ranging from simple maintenance wipe downs to emergency spill clean up. 3M petroleum sorbents do not deteriorate, disintegrate, or sink and resist temperature and humidity extremes. Many products can be "wrung out" and reused, provided that proper collection, storage and disposal methods are used. Products such as berms, drain guards, and other on-land containment devices are also offered.

This directory includes companies and products we found in Fall 2004 which were ready to sell to marinas in the United States. Inclusion in this directory does not constitute endorsement and exclusion does not imply lack thereof. We recognize this information changes rapidly, and appreciate your help in keeping it up to date. Please log on to boatus.com/foundation for the latest updates.

All products must be disposed of properly and in accordance with state and local regulations.

It Pays to Take Care of Our Waterways

How do I get rid of this stuff?

Used fuel/oil absorbents create a special challenge. Legal disposal of contaminated product varies widely. Talk to vendors and the state waste agency to learn your options. Consider storage and disposal issues and know how you will address them before purchasing product.

TIPS FOR CLEAN FUELING

- Fill fuel tanks to only 90% capacity—do not top off.
- Make oil absorbent pads readily available.
- Don't use detergents to disperse a spill—it's illegal.

Help wanted!

The "Help Stop the Drops" program is working with marinas and boaters to reduce small fuel/oil spills. We are looking for marinas to continue evaluating pollution prevention products and techniques. Interested in this partnership? Contact TedS@boatus.com or 410-897-0920.

The BoatU.S. Foundation for Boating Safety and Clean Water is a national nonprofit 501(c)(3) organization working to create cleaner, smarter, and safer boating. Our work is primarily supported by donations from individuals, groups, and grants.



www.BoatUS.com/Foundation

880 S. Pickett Street, Alexandria, VA 22304



Printed on recycled paper (30% post consumer) with soy-based ink.