

# *Product Catalogue*

technologies to meet the needs of the planet

*innovation*

**EnviroSmart**

earth - Smart

environment

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# EnviroSmart Industrial Pty Ltd

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# EnviroSmart Industrial Pty Ltd

## OUR COMPANY

EARTHSMART ♦ AUSTRALIAN MADE ♦ AUSTRALIAN OWNED

### WHO IS ENVIROSMART?

EnviroSmart is a wholly Australian owned company producing a range of environmentally friendly biologically active spill control products, chemicals, microbes and water treatment systems designed to exceed the latest regulatory demands placed on industry.

Our key marketing advantage is delivered through our quality of product and innovation programs. Our ability to provide this is through a strategic decision to source core components and manufacturing within Australia. Australian manufacture allows EnviroSmart the advantage of innovation and customisation to local business and government regulatory requirements, whilst delivering at a significant price advantage.

EnviroSmart's team boasts world class Australian scientists, engineers and microbiologists with over 10 years of extensive industry experience in working with both government and private enterprise and is hence why existing clients describe our back up support as leading the industry. This means you can be confident in the outcomes EnviroSmart products will deliver, benefiting your business both technically and on a cost management perspective.

EnviroSmart Spill Control Products cover all facets of the industry from loose particulate biologically active absorbents to Polypropylene pads and booms for on water use. Spill kits and training are all part of our service programs to assist industry meet their 'due diligence' requirements.

Our environmental friendly degreaser products are biodegradable and pass Quick Break/Release standards and Aquis standards.

The EnviroSmart range also consists of microbial products for the biological treatment of a range of wastes. They are capable of treating waste oils (including PCBs and PAHs), grease traps, sewage and denitrification.

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to meet the  
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the planet...*

EnviroSmart is continually improving on its range of Enzyme products for odour and waste control together with its dust suppression products.

Simultaneously, EnviroSmart has invested in the research and development of a range of Water Treatment System alternatives to meet the ever-increasing demands on the wastewater industry. Applications include both domestic and commercial sewerage treatment, water polishing and disinfection so that the resultant discharge is suitable for re use as second use water. We are also developing new technology in the area of Electrolytic disinfection and scaling control device, however in doing so, a number of alternative applications for the technology evolved including medical applications, swimming pool and drinking water.

With a key focus on continuous improvement in both existing product technology and emerging markets, we have developed core competencies and resources in a number of waste disposal and environmental product markets.

Whilst no company can sensibly claim to have all the answers, EnviroSmart constantly strives to provide, 'Simple, safe, solutions' that are affordable to the end user, kind to the environment and which benefit Australia.

## OUR PRODUCTS

**Our Company is 100% Australian Owned & our Absorbents are manufactured here in our warehouse.**

With EnviroSmart's years of experience in this marketplace, it has developed a premium range of Spill Control products that have been customized to local business and government regulatory requirements, whilst delivering a significant price advantage. Everything from application specific absorbents to Spill Kit systems, cleaning agents, enzyme based digesters, consultancy & training. EnviroSmart can assist with the right product for the right application.

### SPILLSMART

SpillSmart 'loose particulate' absorbent products are made from a selection of biodegradable, organic cellulose materials. Naturally occurring bacteria or microbes in the products will 'bioremediate' most oils, which are absorbed back to CO<sub>2</sub>, water and compost. This enhances nature's ability to break down the wastes.

Further, EnviroSmart have a complete range of spill control products required by industry. These include absorbent pads, rolls, filter bags and inserts, socks, booms, containment devices, skimmers, pumps and oil/water separators.

### ENVIROWASH

EnviroWash cleaners use the latest scientific advances and formulations to create a product that is made from a combination of proven, natural, biodegradable surfactants.

### ENVIROZYME

EnviroSmart's EnviroZyme enzyme digesters are a highly concentrated and scientifically chosen array of beneficial and naturally occurring enzymes formulated and manufactured in Australia to provide natural and safe solutions to a wide range of common problems associated with odour control of solid waste disposal and to control and maintain optimal conditions in liquid waste treatment systems such as grease trap interceptors, sewage and septic systems.

**SpillSmart products meet or exceed world environment standard for Absorbents.**

*100%  
Australian  
owned &  
manufactured*

## CONTACT US

For further information, please check out our web site at <http://www.envirosmart.com.au/>  
or contact us direct:

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# Product Catalogue

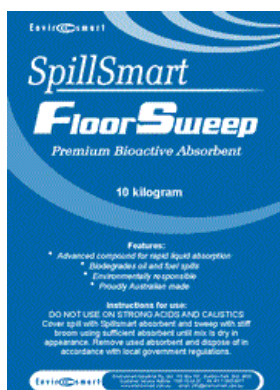
# SPILLSMART ABSORBENTS

BIOREMEDIATING ♦ ENVIRONMENTALLY RESPONSIBLE

SpillSmart Absorbents are manufactured in Australia from a combination of organic cellulose products. These naturally occurring fibrous materials are blended and processed to produce a cost effective, premium range of absorbents that will quickly absorb a wide variety of liquids including petroleum, oils, fuels, solvents, cooking oils, sewage, protein fluids and other messy liquids that could pollute or contaminate the work area and the environment. Because of their strong 'wicking effect' SpillSmart Absorbents are able to rapidly encapsulated liquids so that they cannot leach back into the environment. All SpillSmart absorbents have been tested for and pass stringent international liquid release standards. In many regions, SpillSmart Absorbents can be disposed of to landfill, however this is subject to local regulations. SpillSmart cellulose absorbents should not be used on strong acid or alkaline solutions.



## SPILLSMART FLOORSWEEP



SpillSmart Floor Sweep is our premium absorbent product combining the best features of our other absorbents. Made from a combinations of cellulose fibres like cotton, ground nut, stock feeds and fibrous flour, this absorbent has a very fast wicking action, meaning it absorbs oil and fuels spills rapidly leaving little residue behind. This creates a fast, cost effective,

safe alternative to saw dust, paper and clay based

absorbents. In addition, SpillSmart Floor Sweep not only meets international standards for liquid release, it is biologically active because of naturally occurring microbes in the product that assist in the biodegradation of the fuel and oils it absorbs, making it an environmentally responsible, cradle to the grave solution to spills.

### Sizing:

- 5 litre jugs
- 5kg bags
- 10kg bags

## SPILLSMART OUTDOOR

SpillSmart Outdoor is made from naturally occurring fibrous materials, the majority being cotton which is mixed and processed to give it a light fluffy consistency to increase this absorbents ability to resist the effects of wind in windy outdoor areas.

This absorbent quickly absorbs a wide variety of liquids including petroleum, oils, fuels, solvents, cooking oils, sewage, protein fluids and other messy liquids that could pollute or contaminate



the work area and the environment.

In addition, SpillSmart Outdoor Absorbent is inoculated with a selection of safe and highly effective microbes that will 'eat and digest' oils and many types of hydrocarbons. The resultant product is rapidly converted to a nutritious soil conditioner within just a few weeks.

### Sizing:

- Available in 10kg bags.

## SPILLSMART ALL PURPOSE

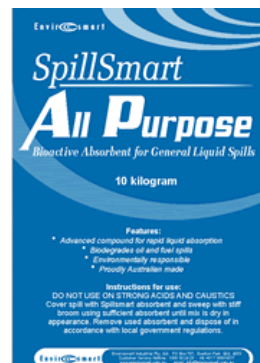
SpillSmart All Purpose Absorbent is made from a blend of wood flour and stockfeeds to create a robust, economical, effective all purpose absorbent.

SpillSmart All Purpose will quickly absorb a wide variety of liquids including petroleum, oils, fuels, solvents, cooking oils, sewage, protein fluids and other messy liquids that could pollute or contaminate the work area and the environment.

SpillSmart All Purpose Absorbent should not be used on strong acid or alkaline solutions. It is light weight, easy to apply and simple to use. Unlike some 'kitty litter' type products, SpillSmart All Purpose does not contain crystalline silica (classified Group 1: Carcinogenic to humans).

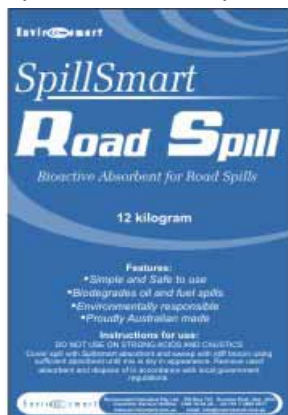
### Sizing:

- Available in 10kg bags.



## SPILLSMART ROAD SPILL

SpillSmart Road Spill is a combination our popular 'Floor Sweep' Product and a mineral called Zeolite.



Zeolite is widely used in water treatment and agriculture for its ability to attract pollutants. It also leaves paved surfaces with a gritty feel, which people have been used to with 'kitty litter' type products. However, unlike 'kitty litter',

by combining Zeolite with a premium absorbent like SpillSmart Floor Sweep, this product will not only significantly reduces slippage in the effected area, it will provide a fast, cost effective and safe way to contain and remove a potentially harmful liquid pollutants and ensuring that public and worker safety is not compromised.

### Sizing:

- Available in 12kg bags.

## SPILLSMART HAZSORB

SpillSmart HazSorb is a vermiculite based product designed to be used in Hazchem spills. SpillSmart HazSorb is a cost effective, non toxic, inert alternative to cellulose (reactive to many chemicals) and more effective, more easily manageable absorbent than your typical 'Adsorbents' like kitty litter and zeolites.

SpillSmart HazSorb can also be used on body



fluid spill and typical hydrocarbon spills on land.

### Sizing:

- Available in 35 litre bags.

## Product Catalogue

# SPILLSMART CONTAINMENT

PILLOWS ♦ PADS ♦ SOCKS ♦ BOOMS

SpillSmart containment products have been designed to compliment the SpillSmart Absorbent range to provide a total spill control system. SpillSmart Organic pillows, socks and booms all contain materials that are fully biodegradable. The covers for each product are made from natural cotton products. In addition within the filler there are microbes present that are capable of bioremediating (eating) hydrocarbons such as, oil, fuel and grease.

SpillSmart Pillows, Pads, Socks and Booms cater for many emergencies, assisting to contain any liquid spill so that a proper clean-up can be undertaken after the initial spill is safely & responsibly contained.

**SpillSmart Pads, Rolls & Pillows** are ideal for absorbing spilled hydrocarbons, catching drips from machinery and wipe down of equipment. Oil only pads are able to float indefinitely on water – a great benefit.

**SpillSmart Socks** are available in 1.5 m, 2.0m and 3.0m lengths which may be laid out easily to provide portable bunding to contain and restrict the flow of a spill. SpillSmart Socks may also be used as an effective barricade to prevent liquids from entering storm-water drains.

**SpillSmart Booms** are available in 3.0m lengths but have a 125 mm or 200mm diameter and are used as part of a spill response kit designed to contain larger spills or hydrocarbon spills on water.

## SPILLSMART PADS & ROLLS

EnviroSmart offers a variety of SpillSmart sorbents pads & rolls to meet your particular needs in containment of a spill or spill clean up. We have three different types of sorbents pads & rolls to help you get the job done in recovering petroleum based liquids as well as hazardous liquids on land and water effectively, while reducing cost.



Use our (hydrophobic) oil only sorbents in both polypropylene and our all cotton alternative if you need to recover only petroleum-based liquids on land or water. To recover petroleum-based liquids, water-based liquids, or virtually any liquid that you may encounter when it's not easily identifiable, use our yellow Hazchem sorbent pads, which will absorb virtually all liquids at a high absorption rate. Hazchem pads can also be used for general maintenance and also for wiping down machinery and equipment.



All three of these products come in both pad and roll form.

- **Cotton** – Cotton pads are made from 100% cotton and are suitable for recovery of oil only spills.
- **White** – oil only poly propylene pads are made from a spun bonded poly cover and filled with poly particulate allowing this pad to float on water.
- **Yellow** – HazChem poly propylene pads for recovery of virtually all liquids whilst not being affected by strong acids or oxidizing chemicals.

### Sizing:

- Pads - 48cm x 43cm
- White Poly pads available in 200gsm or 400gsm
- Yellow HazChem and Cotton Pads available in 400gsm
- Rolls - 1m wide x 50m long x 400gsm



## SPILLSMART PILLOWS



Pillows are the environmental alternative to put under slow leaks or drips and therefore stops the leak from hitting the ground and causing further cleaning. It is particularly useful under machinery that can't be turned off until routine service time.

These absorbent pillows are excellent for absorbing spills and leaking fluids in tight spaces. Our Oil Only absorbent pillows are great for waste troughs, coolant tanks, fluid reservoirs and sump wells. Universal pillows are for absorption of oil, water, and chemicals.

### UNIVERSAL PILLOW

Made from a spun bonded poly outer and filled with cellulose fibre, this 45cm square pillow weight approximately 750grams is perfect for where the application isn't on water but maybe wet, yet you still need the versatility of a universal pillow.

**Sizing:**

- 45cm x 45cm (square)



### 100% ORGANIC PILLOW

Made from 100% biodegradable outer and filled with cellulose fibre, it is 45cm square pillow weighting approximately 750grams.

**Sizing:**

- 45cm x 45cm (square)

### POLY PILLOW

Made with a poly spun bonded outer and filled with oil only poly particulate, this pillow is best suited to wet weather applications and on water situations. Can be used as a larger alternative to our Bilge Sock.

**Sizing:**

- 45cm x 45cm (square)

## SPILLSMART SOCKS

### ORGANIC ABSORBENT SOCKS – UNIVERSAL

EnviroSmart manufacturers a range of organic socks for land based spills. These socks are all organic and biologically active to assist in the bioremediation of absorbed oils. Primarily designed as a barrier and are widely used in our spill kits for workshops. We have a standard range, but are able to manufacture to suit your requirements.

**Sizing:**

- 75mm width x 1m, 1.5m, 2m or 3m length
- 125mm width x 3m length



### ORGANIC ABSORBENT FLOATING SOCKS – OIL ONLY

These socks are an organic alternative to floating oil only poly socks. Made from 100% cellulose and cotton outer, they are oil only and therefore float on water for containment and absorption or use on spills in wet weather.

**Sizing:**

- 75mm width x 1.2m and 3m lengths
- 125mm width x 3m length
- 200mm width x 3m length

## POLYPROPYLENE ABSORBENT SOCKS – OIL ONLY & HAZCHEM



Polypropylene Absorbent Socks – Oil Only are hydrocarbon specific and can be used on land in wet conditions, on water or when an organic boom is not applicable. Also, they can be located in drains or where a mixture of oil / fuel and water is present on land. They are made with a tough but absorbent Poly spun bonded outer and filled with poly particulate. Hazchem Polypropylene Absorbent Socks is the solution for recovery of virtually all liquids whilst not being affected by strong acids or oxidizing chemicals.

**Sizing:**

- White Oil Only - 75mm width x 1.2m & 3m lengths
- Yellow Hazchem – 75mm width x 1.2m x 3m lengths

## SPILLSMART POLY BOOMS

### POLYPROPYLENE BOOMS

Polypropylene booms are used for the containment of spills on water. They have clips allowing them to be easily connected to make up to the required length. The products are UV resistant and are able to be left for a long period of time.



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This product is made from very tough shade cloth and filled with poly particulate. Because of its strength and durability, it doesn't require rope through the product and therefore has eyelets and clips to allow them to be joined.

**Sizing:**

- 125mm x 3m
- 200mm x 3m
- 6m lengths are also available upon request.

## SPILLSMART TRACK MATTING

This mat has a thick absorbency layer as well as being backed by an impenetrable barrier. It's unique construction includes an oil only polypropylene core, surrounded by an impenetrable barrier film that prevents absorbed liquids from leaching out. Also has a UV resistant material over. Originally designed for use between and outside railroad tracks, it is also widely used by transportation companies, utilities,

refineries, steel mills, and in other environments in which a high absorbency barrier is required.

**Sizing:**

- Customised sizing to suit your requirements.

## SPILLSMART CONTAMINATED WASTE BAGS



Correct disposal of contaminated waste products is a legal requirement. SpillSmart Contaminated Waste Bags are preprinted heavy duty bags, which means that contaminated waste is clearly identified and will not be misjudged for standard waste.

**Sizing:**

- 450mm width x 720mm length

## Product Catalogue

# SPILLSMART STORMWATER CONTAINMENT

DRAIN SEALS & FILTERS ♦ SILT FENCES & CURTAINS ♦ FILTER BAGS & SOCKS

Storm water pollution has become a major concern both locally and on a national level. Increasingly, EPA and Councils are placing more stringent requirements on what is allowed to enter the stormwater systems, which then end up in our waterways. The goal is to cost effectively significantly reduce discharge of gross pollutants, oils, fuels, chemicals, soil and other particulate matter into the stormwater system or contain them from moving further into our creeks and rivers.

Some locations are in the difficult situation of being an established premise and to now meet new regulation requirement would be at a high cost. Also, when leasing premises, structural or drainage changes are not allowed by landlords. The SpillSmart Stormwater Containment Range has been designed to assist industry to meet these requirements by safeguarding the storm water system in capturing contaminants before they enter the water system.

## SPILLSMART DRAIN SEALS

Designed to ensuring that no accidental spills enter drains, grates or manholes is to protect these areas with a SpillSmart Drain Seal. Easy to use in emergencies, just place the SpillSmart Drain Seal directly over the drain. Flexible, resists water, oil and most aggressive chemicals. The SpillSmart Drain Seal can be cleaned & re-used for added economy.



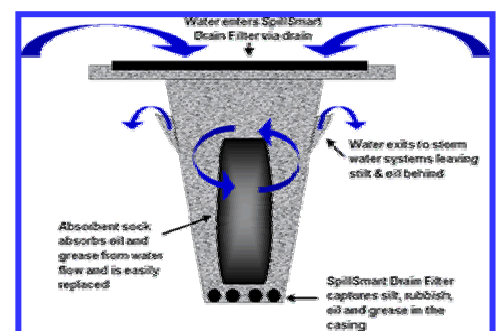
**Sizing:**

- 450mm x 450mm
- 600mm x 600mm
- 900mm x 900mm
- 1200mm x 1200mm

## SPILLSMART DRAIN FILTER

The SpillSmart Drain Filter's unique design uses a polypropylene fabric and organic absorbent sock to capture contaminants whilst still allowing the water to pass through. Held in place by the metal grate, it effectively removes coarse sediments, oil, grease, litter and debris from storm water.

The SpillSmart Drain Filter is an effective solution for parking lots, vehicle storage / service areas, construction sites and industrial plants, where oil and grease from cars and trucks left on the surface is easily carried into the storm water drains. The SpillSmart Drain Filter is also effective as a guard in case of emergency spills, capturing spills whilst allowing emergency spill response teams to activate. The SpillSmart Drain Filter is available in various sizes to suit most storm water catch basins or custom sized SpillSmart Drain Filters can be made to suit your application.

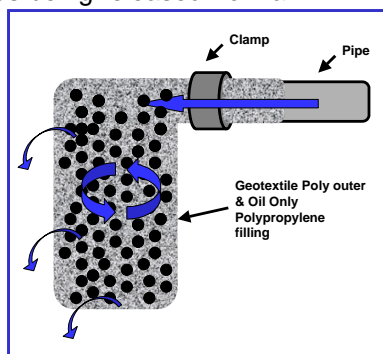


**Sizing:**

- 1200mm x 1200mm
- 2400mm x 2400mm
- 2400mm x 1200mm gutter trap
- Custom made to your application

## SPILLSMART FILTER BAGS & SOCKS

SpillSmart has developed two types of Filter bags / socks. The first is to reduce the amount of Suspended Solids being released from a fixed pipe source. Fluid moves through a discharge pipe and must pass through the SpillSmart sock or bag at the end of the pipe. The material allows the water to pass through but not



the majority of the suspended solids, capturing them and allowing them to be collect and disposed.

Similarly we manufacture to order Filter bags from Geotextile Poly which again allows the water to pass through but retains the majority of suspended solids and hydrocarbons (oils). This acts like a disposable or portable oil/water separator. So as to get the longest life from these filter bags, they are filled with same oil-only polypropylene we use in our poly booms which will soak up most of the oil first before the outer lining of the bag.

**Sizing:**

- Custom made to your application

## SPILLSMART SILT CURTAINS & CONTAINMENT BOOMS

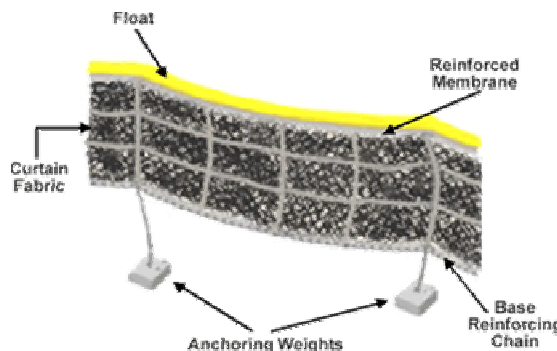
### SPILLSMART SILT CURTAIN

With the ever increasing need for construction companies to safeguard the environment from erosion and/or silt problems created through construction sites, custom pollution prevention controls are required. SpillSmart's new Silt Curtain is designed to prevent silt contamination of waterways from manmade or natural erosion.

Silt Curtains are suitable for use in sheltered and inland waters. They are fast to assemble and deploy, tough and abrasion resistant.

**Sizing:**

- Customised sizing to suit your requirements.



### SPILLSMART CONTAINMENT BOOMS

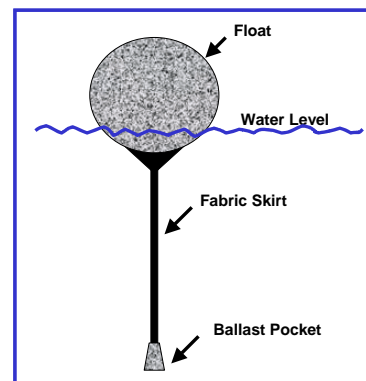
Our Containment Booms are designed to contain oil, fuel and other water borne pollutants in temporary or permanent situations.

SpillSmart Containment Booms are suitable for use in sheltered and inland waters. They are fast to assemble and deploy, tough and abrasion resistant as well as easy to maintain and clean.

SpillSmart Containment Booms can be manufactured in PVC, Polyurethane or Siemens XR5 to suit a range of environments and applications.

**Sizing:**

- 15m length



## Product Catalogue

# SPILLSMART SPILL KITS

EMERGENCY RESPONSE KITS ♦ TRANSPORTABLE ♦ CUSTOMISABLE

EnviroSmart have designed a range of emergency response Spill Kits to cater for your clients varying spill response needs. Each SpillSmart Spill Kit contains our premium SpillSmart range of bioactive absorbents giving a rapid and effective clean up of oil and hydrocarbon spills.

EnviroSmart produce a range of spill kits in portable Wheelie Bins (240 litre & 120 litre), Mobile bags and smaller Drums kits, which are both designed for easy transportation. SpillSmart Spill Kits can also be customised to suit your customers requirements to contain the various spill clean up and containment equipment appropriate for the spills that are most likely to occur in their specific area. Please contact EnviroSmart to discuss any tailor-made solutions you may require.



## SPILLSMART SPILL KITS

### GENERAL PURPOSE SPILL KIT

The SK240G is a general purpose spill kit for oil spills where the main risk is on land.

**DESIGNED FOR:**

- Large workshops and forecourt areas.
- Mines
- Manufacturing plants

**CONTENTS:**

- SpillSmart Absorbent
- Organic Absorbent Socks
- Organic Absorbent Pillow
- Absorbent Poly pads
- Contaminated Waste Bags
- Dustpan and brush
- Instruction Sheet

**SIZING AVAILABLE:**

- 240 litre Wheelie Bin
- 120 litre Wheelie Bin
- 80 litre Bag
- 20 litre Drum

### ON WATER SPILL KIT

The SK240W is a spill kit designed for on-water oil spills.

**Designed for:**

- Anywhere where oil is stored, transferred or used near or on water. In particular marinas.

**CONTENTS:**

- SpillSmart Absorbent
- Absorbent Poly Socks
- Absorbent Poly Pillow
- Absorbent Poly Pads
- Contaminated Waste Bags
- Instruction Sheet

**SIZING AVAILABLE:**

- 240 litre Wheelie Bin
- 120 litre Wheelie Bin
- 80 litre Bag
- 20 litre Drum

### HAZCHEM SPILL KIT

The HazChem spill kit is a response kit particularly designed for areas where a variety of chemicals are stored.

**DESIGNED FOR:**

- Where chemicals are stored / used
- Labs
- Hospitals
- Food production area
- Factories

**CONTENTS:**

- HazChem Absorbent sock
- HazChem Absorbent Yellow Pads
- Contaminated Waste Bags
- Dustpan and brush
- Instruction Sheet

**SIZING AVAILABLE:**

- 240 litre Wheelie Bin
- 120 litre Wheelie Bin
- 80 litre Bag
- 20 litre Drum

# Product Catalogue

## SPILLSMART BUNDING

HAZCHEM STORAGE ♦ TEMPORARY STORAGE ♦ SECONDARY CONTAINMENT

Along with the new challenges to industrial environmental laws come responsibilities for all management and executives.

To help you achieve best practice, EnviroSmart has investigated the market and selected the following products which meet the world's highest standards in manufacture & application.

### SPILLSMART SPILLBUND LINERS

Spillbund provides spill containment in applications where potentially hazardous chemicals / liquids are being stored.

**Sizing:**

- Spillbund Liners are custom made to any size / shape that suits your application.
- Available in 100mm / 200mm / 300mm sides



### SPILLSMART FLEXI TANKS



EnviroSmart produce a range of Flexi Tanks for containment of all types of liquids including oil and other industrial wastes.

**SpillSmart Flexi Tanks** are constructed using different materials dependant on the application. For example PVC and XR5 fabrics are used for oil containment, and reinforced polyurethane is used to construct robust tanks which are resistant to punctures, abrasion and rough handling.

Both XR5 and Polyurethane are resistant to hydrocarbons and ultra violet rays. **SpillSmart Flexi Tanks** are self-erecting, easy to clean and easy to transport.

**Sizing:**

- 5000 litres
- 10000 litres
- 25000 litres

### SPILLSMART SPILL PALLETS

2 Drum Poly-Spillpallet 2000

Protect employees and prevent costly cleanups by keeping overflows and spills off the floor and in the Poly-Spillpallet 2000 where they can be easily recovered. This secondary containment product is engineered the rigors of today's regulatory environment.

**Sizing:**

- Dimensions: 136cm x 74cm x 43cm
- Weight: 28.35kg
- Load Bearing Capacity UDL: 900kg

- Sump Capacity: 220.4 litres



## SPILLSMART IN-LINE POLY-SPILL PALLET 3000

You'll be surprised how much new space you'll be able to find around the plant floor when you start storing drums on our In-Line Poly Spillpallet 3000. Start storing in-line near the wall, between columns, and in all those spaces you thought were unusable... until now. This is just another innovative way to help manage your hazardous materials.

### Sizing:

- Dimensions: 249cm x 64cm x 30cm
- Weight: 36kg
- Load Bearing Capacity UDL: 1350kg
- Sump Capacity: 250.8 litres



## SPILLSMART POLY-SLIM LINE 6000

Constructed from high density polyethylene for the demands of the modern workplace this low profile pallet with 137cm x 137cm foot print easily holds four 205 litre drums. With a UDL load bearing of 2700kg, 250 litre sump, removable grates and completely forkliftable from all four sides this product is ideal for managing your hazardous materials.



### Sizing:

- Dimensions: 137cm x 137cm x 30cm

- Sump Capacity: 250.8 litres
- Weight: 41kg
- Load Bearing Capacity UDL: 2700kg

## SPILLSMART DRUMS UP & DRUMS UP JNR

Our Drums-Up and Drum-Up Jnr let you control nuisance spills from drums sized up to 205 litres. A 74.1 litre sump capacity catches liquid before it reaches your floor reducing the risk of slip and fall injuries.

### Drums Up Specifications:

- Height: 18cm
- Diameter: 86cm
- Weight: 5.4kg
- Sump Capacity: 74.1 litres



### Drums Up Jnr Specifications:

- Height: 19cm
- Diameter: 54cm
- Weight: 1.8kg
- Sump Capacity: 28.5 litres



## Product Catalogue

# SKIMMERS & PUMPS

◆ SMART SOLUTION TO POLLUTION ◆ EFFICIENT & FLEXIBLE ◆

### LAMOR – MINIMAX 12W

The Lamor Minimax 12 is an efficient, free-floating brush wheel type skimmer. It is hydraulically operated and offloaded by suction pump. The small and light weight MM12 can be easily carried and deployed by one person. It is suitable for recovery of all oil types and for operation in near shore and harbour conditions.



The Lamor Minimax 12W comprises a floating skimmer head incorporating two brush wheels of 200mm width each. The rotation of the brush wheel creates a strong surface current into the recovery system, forcing the oil under the water, which the oil adheres to the brush, which consists of approx. 222 000 bristles, giving a bigger area for the oil to stick to than any other oleophilic skimmer available. As the brush wheel rotates, water flows off the brush through a channel out off the skimmer head.

### LAMOR – MULTI SKIMMER LMS



The Lamor Multi Skimmer is an efficient and flexible free-floating skimmer. The LMS is supplied with three interchangeable skimming modules in a triangular configuration. Skimmer capacity is up to 100 m<sup>3</sup>/hr with three brush wheel modules but the LMS can also be fitted with disc bank or drum modules for optimum efficiency in all oil types and operating conditions. The skimmer modules are hydraulically operated and recovered oil is offloaded by suction pump or installed positive displacement or centrifugal pump. The LMS can operate in very shallow water but is also suitable for operation in open sea conditions.

The LMS is designed for deployment into a contained area where oil is most heavily concentrated. The LMS recovery modules can be selected for optimum efficiency in all oil types, including diesel, fresh crude, high viscosity bunker oil and emulsions, while collecting almost no free water.

### LAMOR – GT-A PUMPS

The overall success of a vessel salvage or oil spill cleanup operation often hinges on the effectiveness and reliability of the transfer pumps used. It is critical to choose pumps that are sized appropriately and that are suitable for the type of oil and debris that will be encountered and pumping conditions expected.

The Lamor GT-A Heavy Oil Transfer Pump Series is an advancement in the family of modified positive displacement Archimedes screw pumps. The pump has been specially developed for pumping liquids of extremely high viscosity, like cold bitumen, cold heavy fuel oil, emulsified crude oil, or molasses. Due to the efficient sealing inside the pump it will also handle low viscosity liquids such as diesel fuel or water at high pressures. Three pump sizes are available with standard capacities of 20, 50 and 114 m<sup>3</sup>/h.



## Product Catalogue

# ENVIROWASH CHEMICALS

CONCENTRATE DETERGENTS ♦ POWERFUL ♦ ENVIRONMENTALLY FRIENDLY

Most individuals and companies want reliable, efficient products that will provide a perfect clean time after time without being exorbitantly priced. At the same time most responsible individuals and companies are no longer willing to use harsh caustic cleaners that are harmful to the people using the product or the environment.

Fortunately new technology and advanced scientific formulations will provide cost effective cleaning solutions that are:

- Designed to save time and money
- User and environmentally friendly
- Powerful & Effective
- Fast & Safe

### ENVIROWASH GP (GENERAL PURPOSE CLEANER)

The super concentrate in EnviroWash GP is made up of many different types of cleaning agents that have been combined to form one solution.

EnviroWash GP is the one solution that is;

- a glass & mirror cleaner
- a bench cleaner
- a wall & floor cleaner
- a dishes cleaner
- a stainless steel cleaner
- a bathroom & toilet cleaner
- and so on, it's application possibilities are endless.



EnviroWash GP uses the latest scientific advances and formulations to create a product that is made from a combination of proven, natural,

biodegradable surfactants. In the past, attempting to combine multiple surfactants in such a manner would not have been possible. It is only the most recent advances in formulation technology that has enabled the cost-effective production of a super concentrate, whilst still being safe for people and protecting the environment in which we live. For most general purpose

applications, a dilution rate of 30mls of EnviroWash GP to 470mls of water is required.

#### Sizing:

- 5 litre (container), 20 litres (container)
- 200 litres (drum), 1000 litres (bin)

### ENVIROWASH HD (HEAVY DUTY CLEANER)

EnviroWash HD is a powerful, heavy duty, yet fully biodegradable degreaser that rapidly penetrates and lifts oils, greases, and fats. EnviroWash HD is a concentrated blend of a naturally occurring organic solvent called d'limonene which is derived from a solvent extracted from the essences of citrus products and Anionic surfactants. Anionic surfactants are sodium based surfactants which rapidly biodegrade and have been chosen because they are safe for people to use and safe for the environment. EnviroWash HD also contains three separate corrosion inhibitors to provide long lasting protection for valuable machinery.

EnviroWash HD has been approved by Australian quarantine authorities as safe for use in food preparation areas. EnviroWash HD passes the demulsification 'Quick break' tests which making it a safe degreaser for use in oil / water separator systems. Although EnviroWash HD is slightly

alkaline, it is gentle on the skin, is free rinsing and leaves no residual film.

EnviroWash HD is safe to use in bio-cycle, septic and grease trap systems where it promotes the beneficial biological activity of the naturally occurring microbes that digest organic and hydrocarbon wastes and aid in deodorising these systems. If required, EnviroWash HD may itself be made bio-active to help remove and prevent the accumulation of oils, greases and fats on surfaces that may be difficult to maintain. EnviroWash HD is a most effective and economical degreaser, replacing many harsh chemicals and solvents that are detrimental to the environment and harmful to people.

#### Sizing:

- 5 litre (container), 20 litres (container)
- 200 litres (drum), 1000 litres (bin)

## Product Catalogue

# ENVIROZYME ENZYMES

WASTE TREATMENT ODOUR CONTROL ♦ VETERINARY ODOUR & CLEANSING  
♦ BILGE ODOUR & CLEANSING ♦ MICROBIAL TREATMENT

EnviroSmart's EnviroZyme enzyme digesters are a highly concentrated and scientifically chosen array of beneficial and naturally occurring enzymes formulated and manufactured in Australia to provide natural and safe solutions to a wide range of common problems associated with odour control of solid waste disposal and to control and maintain optimal conditions in liquid waste treatment systems such as grease trap interceptors, sewage and septic systems.

EnviroSmart's EnviroZyme products are both environmentally friendly and safe to humans, fauna, flora, aquatic and marine & animal life, and sensitive eco-systems.

We have designed three different EnviroZyme products. **EnviroZyme GEN** is suited for general applications for waste treatment systems and **EnviroZyme VET** is designed specifically for use within Veterinary practices & animal housing. **EnviroZyme MM** is a formulation of fast acting microbes for waste water treatment and discharge systems.

## ENVIROZYME GEN

EnviroZyme GEN is designed to boost the performance of treatment plants by balancing the pH, reducing COD's, BOD's and TSS without the need to apply toxic chemicals. Using EnviroZyme GEN, you can expect to begin to see an improvement in days with a significant change within 30 days. As a preventative measure, EnviroZyme can be used immediately after a pump out or in new systems to create the right environment and reduce the risk of future system failures.

Thick crusting and foul odours is a good indicator that the system is not functioning properly. Crusting in grease traps inhibits flow and therefore effectiveness and can then cause untreated waste to pass directly into sewage systems or the environment. Grease traps and septic tanks that continually 'fail' are expensive to maintain. Odour from such a 'failed' system can be both an environmental concern to regulatory bodies but also to the advantage of your clients. EnviroZyme GEN provides a simple and economical solution to these challenges.

EnviroZyme GEN also has a beneficial use for local authorities in that it assists in keeping seage pipes clean and flowing. EnviroZyme GEN is also used by local authorities to reduce sulphide producing microbes and maintaining flow in lift wells and pump stations. This in turn protects capital works by significantly reducing expensive maintenance from the effects of corrosion.

### Product Range:

EnviroZyme GEN is available in 4 formulations to suit most clients requirements:

- EnviroZyme GEN - ready for use
- EnviroZyme GEN Plus - Concentrate
- EnviroZyme GEN Perfume - Perfumed & ready for use
- EnviroZyme GEN Perfume Plus - Perfumed Concentrate

### Sizing:

- 1 litre
- 5 litres
- 20 litres
- 200 litres

## ENVIROZYME VET

EnviroZyme VET was specifically formulated from the original EnviroZyme GEN product, but also has the added functionality to address the needs of Veterinary clinics, animal housing / kennels or animal surgery areas.

Odours are a good indicator that the floors have a residual not cleaned up when hosing down the area. This is also the case for odours from septic tanks etc, as this generally means the system is not functioning properly. Septic tanks that continually 'fail' are expensive to maintain. Odour from such a 'failed' system can be both an

environmental concern to regulatory bodies but also to the image of your business to your clients.

EnviroZyme VET provides a simple and economical solution to these challenges, by improving the effectiveness of your treatment plan / septic tank and to reduce the odours from the concrete kennel or surgery areas. EnviroZyme VET also has a beneficial use in keeping sewage pipes clean and flowing. EnviroZyme VET is also used to reduce sulphide producing microbes. EnviroZyme VET can be mixed at a stronger dilution rate and used in a spray bottle to use where odours occur.

**Product Range:**

EnviroZyme VET is available in 2 formulations to suit most Veterinary requirements:

- EnviroZyme VET - ready for use
- EnviroZyme VET Perfume - Perfumed & ready for use

**Sizing:**

- 1 litre
- 5 litres
- 20 litres
- 200 litres

## ENVIROZYME BILGE

Cleaning your Bilge with EnviroZyme BILGE is:

**Good for the environment** – digest oily waste normally being pumped into our beautiful waterways.

**Good for your boat** – digests bilge odour and cleans the bilge pump allowing it to work more efficiently. Bilge pumps are made to pump water, not fuel – cleaning out the bilge sludge and floating debris will reduce the possibility of bilge pump failure. The control of odour makes for a much more pleasant boating experience and a feeling of well-being.

**Good for your pocket** – a good clean bilge usually means a good clean boat, so the re-sale value is much higher.

**Good for maintenance trades** – if anyone has to work in your bilges, they won't have to get dirty. Keeps your deck and carpets cleaner too.

**Good for the safety of your investment** – less likely to have a fire on board as EnviroZyme BILGE treats free oil, emulsified oils (hydrocarbons), suspended solids, hydrogen sulfides and dissolved organics.

**Sizing:**

- 1 litre
- 5 litres
- 20 litres
- 200 litres

## ENVIROZYME MM (MULTI-BAC SEWAGE & GT MICROBIAL PACKAGE)

This is a natural and safe solution to a wide range of common problems associated with liquid waste disposal and treatment systems. EnviroZyme MM is a highly concentrated and scientifically chosen array of beneficial and naturally occurring microbes formulated to seed and maintain sufficient levels of fast acting microbes for waste water treatment and discharge systems. In addition, numerous studies have shown that seeding with microbial packages can significantly reduce power and aeration costs whilst at the same time improve discharge quality, reduce solids and reduce nutrients. Odours can also be minimized with the correct package.

Customised packages can also be designed to deal with specific waste streams such as fats and oils or discharge problems such as nitrogen based compounds. EnviroZyme MM can be used in conjunction with EnviroZyme GEN to restore full function to treatment plants that may have become congested or septic.

EnviroZyme MM is Australian made and is safe to humans, animals, fauna, flora, aquatic and marine life, and sensitive eco-

systems. EnviroZyme MM boosts and maintains the number of 'good' bacteria in septic and sewage water treatment systems, markedly improving their performance and efficiency. A system that has failed because of poor maintenance or the use of harsh cleaning chemicals may be 'restarted' using EnviroZyme MM.

**Sizing:**

- 1 litre container (Individual programs need to be developed for each site)

# *EnviroSmart Industrial Pty Ltd*

## HOW TO CONTACT US...

EARTHSMART ♦ AUSTRALIAN MADE ♦ AUSTRALIAN OWNED

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