



Oilock Multifunctional Absorbents



About Us









ZHEJIANG BINGSHENG TECHNOLOGY CO., LTD.

ZHEJIANG Bingsheng Technology Co., Ltd is a high-tech enterprise, specializing in the R&D, manufacture, sales, and service of environmentally friendly oil-absorbent materials and emergency oil-absorbing products. The company holds multiple domestic and international patents and provides professional, world-leading oily water treatment products and services for global customers across various application scenarios.

Our company is dedicated to leading the global oily water treatment industry. We aim to collaborate closely with our customers and partners worldwide to advance global environmental protection.

Oillock Absorbent Granules A (Baltic DPTH-A)

Characteristics

-  Based on highly porous inorganic materials;
Environmentally friendly, non-toxic, and odor-free
-  Absorbing oils only.
-  High oil absorption capacity and maintaining excellent oil retention
-  The absorbed oil may be recycled and reused
-  Easy to store and transport
-  Wide range of application scenarios



Long shelf life

8 years

Package

20 kg/bag

Oilock Absorbent Granules (Baltic DPTS-1)

Characteristics

-  Based on highly porous inorganic materials
Environmentally friendly, non-toxic, and odor-free
-  Universal for oil and organic liquid absorption
-  High oil absorption capacity and maintaining excellent oil retention
-  The absorbed oil may be recycled and reused
-  Easy to store and transport
-  Wide range of application scenarios



Long shelf life







8 years

Package

20 kg/bag

Oillock Absorbent Granules (Baikal PPTH-1)

Characteristics

-  Based on highly porous inorganic materials; Environmentally friendly, non-toxic, and odor-free
-  Absorbing oils only
-  High oil absorption capacity and maintaining excellent oil retention
-  After absorbing oil, the granules float on the water's surface, making them easy to collect. The absorbed oil may be recycled and reused
-  Easy to store and transport
-  Wide range of application scenarios



Long shelf life





8 years

Package

Irregular granules size of about 3-6mm

Oilock Nyasa DPDH-X

Characteristics

-  Based on pure inorganic bio-benign materials
-  Complete oil-absorbing and hydrophobic materials
-  Selectively locking oil spills contained in oily sludge and automatically separating water from the mixtures of oil, water and soil
-  Wide range of application scenarios
-  Oily sludge after remediation using our product exhibiting full restoration of biological activity.

Long shelf life

8 years

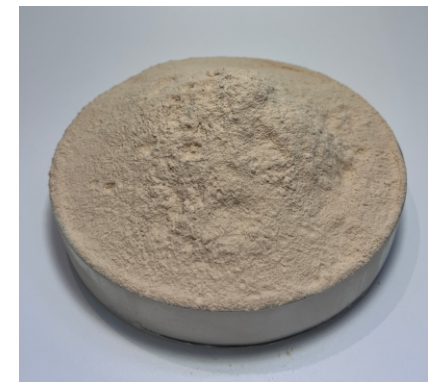
GF-A



ZF-A



GF-AP



Application



Yes, Oilock help



Safety

100% pollution-free
and no leakage after
absorption



Quick result

Short absorption and
reaction time, suitable
for both water and land
applications



Environmentally friendly

Pure natural inorganic
product



Absorption range

Oils

Gasoline, diesel, engine oil, residual oil , tar, cooking oil , etc. More than 50 types

Various non-polar liquids

Oilock Operation Process And Precautions

Product Name	Model	Operating Procedure		
		Large and Medium-sized Surfaces	Small Surfaces	Ground Roads
Oilock absorbent Granules A	Baltic DPTH-A	<ol style="list-style-type: none"> 1. Use a containment boom to encircle the oil surface, reduce the containment area, and increase the oil film thickness 2. Distribute oil absorbent granules evenly, matching the thickness of the oil layer 3. After fully absorbing the oil (typically 5 - 10 minutes), the granules will settle and separate 4. If recovery is needed, use a net bag or machinery to collect the granules before they sink 	<ol style="list-style-type: none"> 1. Place a 30 -40 mesh net at 200 mm below the water surface 2. Distribute a suitable amount of granules evenly on the oil layer 3. The oil absorbent granules will settle in 5 - 10 minutes 4. Once the water surface is free of oil, remove the net and collect the oil absorbent granules, and then store them in a sealed container. 	<ol style="list-style-type: none"> 1. Distribute the oil absorbent granules around the oil layer to control its outward spreading 2. Distribute the oil absorbent granules inward along the perimeter 3. Wait for 5 - 10 minutes, stir with tools, and recover with containers
Oilock absorbent Graules	Baltic DPTS-1			<ol style="list-style-type: none"> 1. Distribute the oil absorbent graules around the oil layer to control its outward spreading 2. Distribute the oil absorbent graules inward along the perimeter 3. Wait for 5 - 10 minutes, stir with tools, and recover with containers
Oilock absorbent Graules	Baikal PPTH-1	<ol style="list-style-type: none"> 1. Use a containment boom to encircle the oil surface, reduce the containment area, and increase the oil film thickness 2. Distribute oil absorbent graules evenly matching the thickness of the oil layer 3. After fully absorbing the oil (typically 5 - 10 minutes), the graules will remain floating on the surface 4. If recovery is needed, use a net bag or machinery to recover the graules directly 	<ol style="list-style-type: none"> 1. Distribute a suitable amount of graules evenly on the oil layer 2. The oil absorbent graules will remain floating on the surface after saturation in 5 - 10 minutes 3. Recover the oil absorbent graules and store them in a sealed container 	<ol style="list-style-type: none"> 1. Distribute the oil absorbent graules around the oil layer to control its outward spreading 2. Distribute the oil absorbent graules inward along the perimeter 3. Wait for 5 - 10 minutes, stir with tools, and recover with containers

! Note: Operators should wear masks and gloves during operation.

Product Comparison

Product	OiLock	Brand X	Brand Y
Component	Inorganic silicate	Silica hydrated, fuller's earth, bentonite, quartz	Cellulose fiber, mineral oil
Manufacturing Craft	Porous vapor phase	Unknown	Liquid phase process
Oil Absorbency (%)	117.8	105.6	103.8
One kilogram of oil	1.17	1.056	1.03
Capability	Absorbing only oil repelling water	Absorbing oil and water	Absorbing oil and water
Storage Environment	Anywhere	Cool, dry environment	Cool, dry environment
Spontaneous Combustion	Resistant to 1200°C	High temperature resistance	Low melting point
Fireproof or not	Yes	Yes	No
Recycling or not after suction	Yes	Easy to cause secondary pollution	Easy to cause secondary pollution

Service Available

- **Pre-sales service:**

We offer a prompt response to customer requests and provide on-site services for emergencies and special situations.

- **Mid-sales service:**

We offer one-on-one professional technical guidance throughout the process, provide video guidance for foreign customers, and solve difficult problems.

- **After-sales service:**

Our dedicated business team delivers on-site services tailored to diverse customers and application scenarios. For our international clients, we provide video guidance to ensure a smooth and hassle-free experience from start to finish.





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