

Clean More
with Booms and Sorbent
products used for
Emergency
Treatment of spills
(any size)

May 2023



Complus Systems Group



Booms and Sorbents Products

Specialty
Sorbent
Products



Complus Trading
North America

We make spill response easy
for you!

- Wide variety of products
- Wide variety of application methods
- Wide variety of packaging and sizing

- Crude Oil
- Petroleum Hydrocarbons
- Fuels
- Solvents and Chemicals
- Polymers
- Food Processing Wastes
- Saltwater and Brine
- Other Liquid Wastes



Clean ... Green ... Eco-friendly

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Product
Descriptions
Booms, Socks and
Pillows





Specialty booms and socks that absorb oil
but not water
for
on-shore and off-shore cleanup

Specialty booms and socks that absorb
both oil and water
for
on-shore remediation and restoration

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Floating Booms

- 10 feet x 5 inches
- Floats on water
- Interlocking rigging
- “Molly Brown” construction
- Absorbs oil
- Repels water
- Absorbs up to 8 gallons of crude oil per boom



Floating Socks

- 4 feet x 5 inches
- Floats on water
- “Molly Brown” construction
- Absorbs oil
- Repels water
- Absorbs up to 4 gallons of crude oil per sock



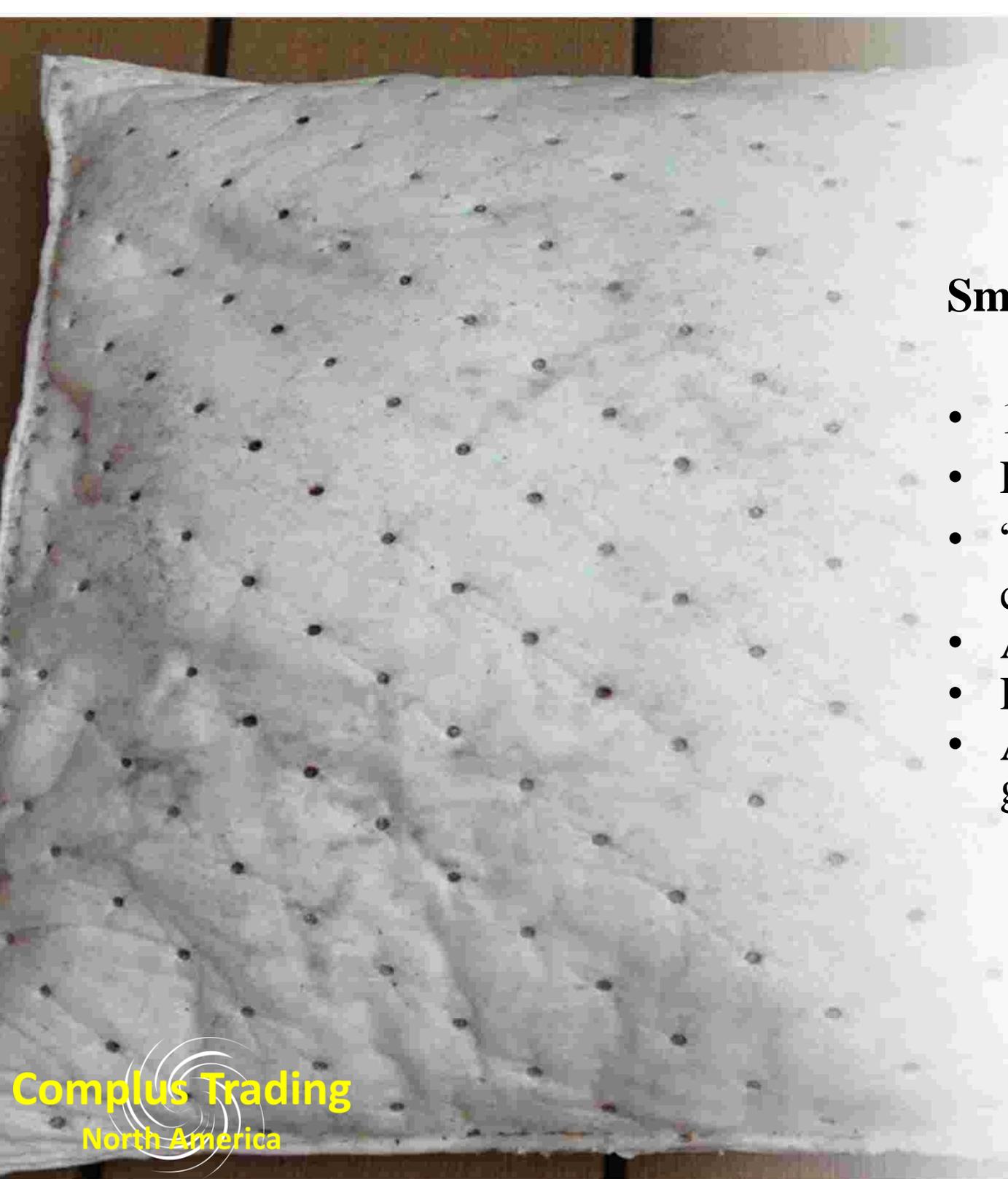
Land Booms

Land Booms

- 10 feet x 5 inches
- Floats on water
- Interlocking rigging
- “Molly Brown” construction
- Absorbs oil
- Repels water
- Absorbs up to 8 gallons of crude oil per boom

Small Socks

- 4 or 8 feet x 4 inches
- Floats on water
- Interlocking rigging
- “Molly Brown” construction
- Absorbs oil
- Repels water
- Absorbs up to 1 - 2 gallons of crude oil per boom



Small Toss Pillows

- 15 x 17 inches
- Floats on water
- “Molly Brown” construction
- Absorbs oil
- Repels water
- Absorbs up to 2 gallons of oil per pillow

Small sizes of any product for any application



Special packaging of any product for special applications

Complus Trading Technologies
Clean... Green... Eco-Friendly
Product Features
Safety First!!!
Always use protective goggles and gloves!!!
CCCP-7010-HC

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Large sizes of any product for any application



Product Descriptions Sorbents



The logo for Complus Trading North America features the company name in a yellow sans-serif font. Above the text is a circular graphic composed of several concentric, slightly offset lines, creating a spiral or vortex effect. Below the main name, the words "North America" are written in a smaller, lighter yellow font.

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CCCP-7010SC-HC Hydrocarbons

Crude Oil
Fuels and Fuel Oil
Oilfield Wastes
Mineral Oil
Lubricants
Automotive Fluids
Solvents

CCCP7010SC-HC quickly and effectively absorbs hydrocarbons and industrial chemicals but repels water. A primary application is the separation of hydrocarbons from water following a spill on either land or water, allowing for the hydrocarbons to be effectively removed from the spill site.

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CCCP-7010SC -HCW
Hydrocarbons
+ Water

Crude Oil
Slop Oils
Oily-Water Wastes
Tank Bottoms
Polymers
Solvents

CCCP-7010SC-HCW absorbs both hydrocarbons and water. The product can be custom blended for unique % hydrocarbons / % water. A primary application is the absorption and solidification of spills containing both hydrocarbons and water for easier management and disposal.



CCCP-7010SC -FW
Food
Processing
Wastes

Rendering Plants
Food Processing
Agricultural Wastes
Medical Wastes
Acids and Caustics
Detergents
Polymers

CCCP-7010SC-FW is a specialty sorbent that absorbs a wide variety of water-based liquid wastes, in addition to wastes with certain non-water components. A primary application is the mop up and containment of routine food processing wastes and spills.

The logo for Complus Trading North America, featuring the company name in yellow text above a stylized circular graphic of concentric lines, with "North America" written in smaller yellow text below the graphic.

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CCCP-7010SC -SW Saltwater

Produced Water

Saltwater Spills

Culinary Wastewaters

Chloride Wastewaters

De-Icing Waters

CCCP-7010SC-SW is similar to FW except that it is especially blended to absorb saltwater with TDS levels ranging from brackish water to brines. A primary application is the containment of produced water spills in oil and gas operations.

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CCCP-7010SC -DH Deck Hand

Crude Oil

Fuels and Hydraulic Fluid

Polymers

Detergents

Acids

Water

Other Liquids

CCCP-7010-DH is especially blended for off-shore drill rigs and oil production platforms. A primary application is the quick containment of spills and leaks from operating oil and gas production facilities located offshore: your extra deck hand in a bag.

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CCCP-7010SC -VC
Bioenhancer

Crude Oil
Slop Oils
Oily-Water Wastes
Fuels
Fuel Oil
Refinery Wastes

CCCP-7010-VC is a binary technology that uses both sorbents and bioremediation technology. The technology accelerates bioremediation of waste material and can be used in either the in-situ or ex-situ landfarming mode.

CCCP-7010SC

Products Application



CCCP-7010SC Main Broadcaster



- Sorbent broadcast machine
- On-water application
- On-land application
- Pre-landfall of ocean spill
- Treats up to 4 acres per hour
- Robust design
- Diesel powered
- 100 foot hose
- Remote control
- Beach towable

CCCP-7010SC Smaller Broadcasters

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CCCP-7010SC Application Rate



Application Rate

The Main Broadcaster can treat up to 4 acres per hour.

Typical application is ~ 3-inch thick layer of CCCP-7010SC on soil.

Typical application is ~ 1-inch thick layer of CCCP-7010SC on water.

1 acre = 43,560 sq ft.

$4 \times 43,560 \times 3/12 = 43,560$ cu ft per hour

1 cubic foot of broadcasted CCCP-7010SC can manage ~ 3 gallons of crude oil.

(Note: This is an approximation only. Absorption may vary according to type of petroleum hydrocarbon, API gravity of crude oil, environmental conditions, etc.)

CCCP-7010SC On Water



CCCP-7010SC can be applied directly to the ocean for management of oil slicks...



CCCP-7010SC On Rocky Shorelines

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CCCP-7010SC On Beaches

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CCCP-7010SC TriBlend



CCCP-7010SC - TriBlend
to Manage Oily-Water Emulsion
Waste

CCCP-7010SC TriBlend



The Problem:

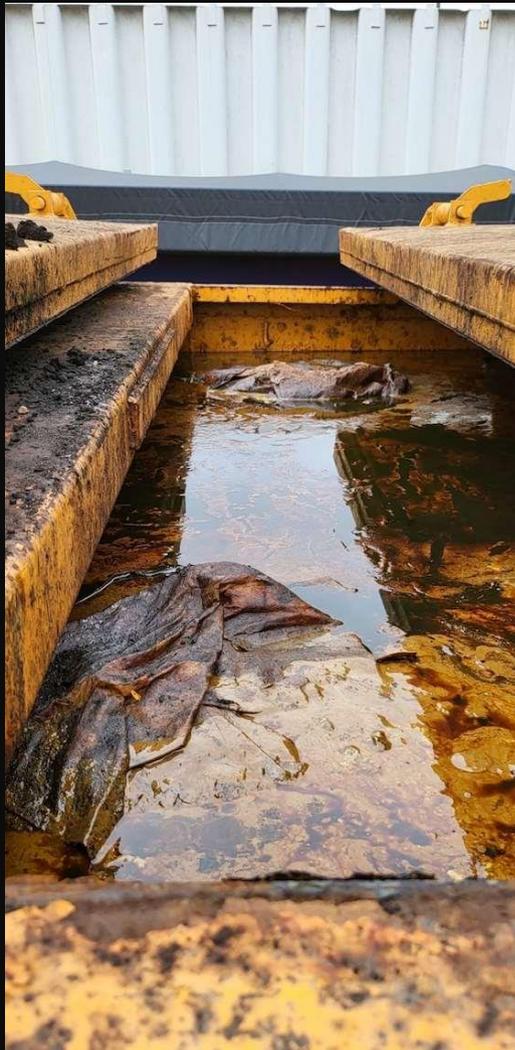
Typical waste roll-off box at a remediation site contained an oily-water emulsion that was difficult and expensive to manage.

CCCP-7010SC TriBlend

The Solution:
CCCP-7010SC TriBlend
Special blend of
three sorbents
to absorb and
manage an oily-water
emulsion waste stream



CCCP-7010SC TriBlend



CCCP-7010SC TriBlend was mixed with the oily-water emulsion to reduce disposal costs by about \$10,000 per roll-off box volume.

CCCP-7010SC TriBlend



Resultant oily-water
emulsion waste after being
mixed with CCCP-7010SC
TriBlend

What do you want to do?

Absorb it?

Contain it?

Stabilize it?

Landfill it?

Bioremediate it?



Thank you
For your time.

Please contact us for more
information.

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