

**OIL CLEAN KIT™****DESCRIPTION**

MARICHEM OIL CLEAN KIT is a complete unit of mixed equipment, specifically made to use on board merchant vessels in conjunction with **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** for cleaning up spills at sea, on board and/or at shore by the crew.

MARICHEM OIL CLEAN KIT is engineered, designed and manufactured under high quality standards in order to fulfill **IMO (International Maritime Organisation)** and **OPA 90 (Oil Pollution Act of 1990)** regulations.

SPECIFICATIONS

According to **OPA 90 U.S. Coast Guard regulations, paragraph 155205**, tanker vessels which are 400ft or greater in length, must provide oil spill cleaning equipment on board equivalent to handle 12 barrels of oil spill. Tanker vessels smaller than 400ft in length and all dry cargo must provide oil spill cleaning equipment on board equivalent to handle 7 barrels of oil spill.



OIL CLEAN KIT CONTENTS

12 Barrel Oil Clean Kit Product number: 711201

A. Sorbents

Part #	Quantity	Product	Dimensions	Absorbing Capacity (lt)
712001	1 BALE	Oil Sorbent Pads – 200/Bale	3/16" T x 17" W x 9" L	207
711001	2 BALE	Oil Sorbent Pads – 100/Bale	3/8" T x 17" W x 19" L	414
710401	1 BALE	Oil Sorbent Pillow – 10 Pillows/Bale	8" D x 18" L	209
710402	2 BALE	Oil Sorbent Boom 510 – 4 Booms/Bale	5" D x 10' L	972
710403	2 BALE	Oil Sorbent Roll 30 – 1 Roll/Bale	30" W x 150' L	880
Total				2,682

B. Instruments

- One spraying unit.
- One 5 gallon **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** container.
- Six sets of protection suits and boots.
- One non-sparking shovel.
- One non-sparking rake.
- Mops.
- One heavy duty wringer.
- Four units of non-sparking scoops.
- One non-sparking hand scraper.
- One heavy duty squeegee 24" wide by 5ft handle rod.
- 50 heavy duty disposal plastic bags/Bale.
- Two High Density Polyethylene storage equipment boxes, 1.70 x 1.07 x 0.74 m.

7 Barrel Oil Clean Kit Product number: 710701

A. Sorbents

Part #	Quantity	Product	Dimensions	Absorbing Capacity (lt)
712001	1 BALE	Oil Sorbent Pads – 200/Bale	3/16" T x 17" W x 19" L	207
711001	1 BALE	Oil Sorbent Pads – 100/Bale	3/8" T x 17" W x 19" L	207
710401	1 BALE	Oil Sorbent Pillow 10 Pillows/Bale	8" D x 18" L	209
710402	1 BALE	Oil Sorbent Boom 510 – 4 Booms/Bale	5" D x 10' L	486
710403	1 BALE	Oil Sorbent Roll 30 – 1 Roll/Bale	30" W x 150' L	440
Total				1,549

B. Instruments

- One spraying unit.
- One 5 gallon **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** container.
- Six sets of protection suits and boots.
- One non-sparking shovel.
- One non-sparking rake.
- Mops.
- One heavy duty wringer.
- Four units of non-sparking scoops.
- One non-sparking hand scraper.
- One heavy duty squeegee 24" wide by 5ft handle rod.
- 50 heavy duty disposal plastic bags/Bale.
- One High Density Polyethylene storage equipment box, 1.70 x 1.07 x 0.74 m.

APPLICATION AND USE

In the event of an accidental Oil Spill, immediate action is required in order to avoid unnecessary spreading of the spill to the surrounding areas. Therefore, a swift response to treat the problem is of vital importance, this will depend on the reaction time of the assigned crew team for such a situation. The cases in which an oil spill must be cleaned are at sea, on board and/or at shore.

A. At Sea

1. Approach the contaminated area having available the boom, the pillows, the pads, the plastic disposal bags, the spraying equipment and the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT**.
2. Contain the spill by connecting the boom parts and throw in the water to surround the spill.
3. Throw oil spill pads over the spill (If the spill is small, use the pillow sorbents).
4. Slowly pull the boom containing the spill close to the hull of the vessel.
5. Lay the pads over the spill so that they cover all the contaminated area and leave it to absorb as much oil as possible.
6. Draw and dispose of used oil pads in the plastic disposal bags, if necessary, repeat procedure with more pads.
7. Clean the left over oil contaminants on the seawater surface by spraying a sufficient quantity of the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT**, enough, so as to cover the contaminated area.
8. Leave to act for a few minutes and mix by applying plenty of water using a high-pressure water source (i.e. water hose).
9. Leave the seawater surface to settle.
10. Repeat the application of the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** if necessary.

B. On Board

1. Wear the protection suit.
2. Approach the contaminated area having available the shovel, the rake, the mops, the wringer, the scoops, the scraper, the squeegee, the plastic disposal bags, some absorbent pads, the absorbent roll (if the spill is big) and the spraying unit along with the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT**.
3. Consider the size of the spill and lay over it enough pads or a few meters of the roll to cover the contaminated area.



4. Collect the used oil pads and/or roll and dispose in the plastic disposal bags.
5. Scrap the left over oil waste using the tools mentioned above and properly dispose of in the plastic disposal bags.
6. Clean the oil contaminated surface by applying the spray unit with the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** and leave it to act for a few minutes.
7. Wash with plenty of water using a high-pressure water source.
8. Repeat the application of the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** if necessary.

C. At Shore

1. Wear the protection suit.
2. Approach the contaminated area having available absorbent pads and roll, the cleaning equipment and the **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** spraying unit and solution.
3. Follow steps 3–8 of the cleaning procedure as described at the **On-board** process found above.

NOTES

- ◆ Wherever the use of **OIL SPILL EMULSIFIER** or **MARICHEM OIL SPILL DISPERSANT** cannot be avoided, try to use in a controlled matter.
- ◆ It is suggested, if possible, to fight oil spills by means of absorbents only. Other conventional ways are strongly prohibited.



For detailed information on safety and health, please refer to Product Label.

MARICHEM MARIGASES Worldwide Services or any subsidiary or associated companies warranties of merchantability and competence, if any, along with any expressed warranties concerning this merchandise, shall not be actionable or pertinent or effective if the good is used contrarily or differently to the directions herein and in no other way due to impending hazards from inappropriate use of the good explained herein. Merchandise might vary insubstantially depending on country of origin. The information provided concerning merchandise is exclusively presented to the customer.