

NEWS ALERT !

Vapro VBCI Enviro-clean OSD Type 1

***Non-flammable & Non-toxic Biobased Oil Spill Dispersant
Conforms to UK Warren Spring LR448 Type 1***

Introduction

The Deepwater Horizon (DWH) disaster, which occurred on April 20th of 2010, is heralded as the largest oil spill in U.S. history, and one of the largest maritime spills on record for the Oil and Gas industry. An estimated 700,000 tons (4.9 million barrels) of crude oil was released into the Gulf of Mexico over a period of almost 3 months. Due to the magnitude of the spill, its duration, this disaster stands as the costliest oil spill in U.S. history, and resulted in environmental, social, and economic turmoil.

Crude oil spills are a major threat to marine biota and the environment. When light crude oil spills on water, it forms a layer oil floating on the surface of the water that is detrimental to marine biota. Hence, oil spill dispersant has to be used to disperse it.

The main benefit of dispersants is that their use can prevent large slicks of oil from contaminating coastal ecosystems and adversely affecting sensitive species like sea birds. However, the use of dispersants remains a trade-off between toxicity to aquatic life and saving birds and shoreline species.

The toxicity of dispersants to marine life has come a long way since the first studies back in the 1960s, but their use does not fail to raise controversy and debate, even today. The dispersants that are approved and stockpiled for use in the event of an oil spill at sea. They are often used in large quantities during a spill, raising concern over their potential toxicology to marine life, even synergistically with the oil.

In view of the above backdrop, Vapro VBCI Enviro-clean OSD was developed to effectively disperse the oil slick and yet safe for the marine biota due to its biodegradability.



Description

Vapro VBCI Enviro-Clean OSD Type 1 is a biobased oil spill dispersant developed to effectively combat oil spill with the environment in mind.

Vapro Enviro-Clean OSD is a highly biodegradable, non-toxic dispersant-emulsifier. It is recommended for the use on the sea water, contaminated with spills of oils/ petroleum-based products for dissipating of thin petroleum films from the water surface.

Vapro VBCI Enviro-Clean OSD is free-flowing amber liquid formulated with the perfect hydrophilic and lipophilic balance value (HLB) to disperse the oil slick quickly into micro-emulsion for it to biodegrade.

Vapro VBCI Enviro-Clean OSD provides a reliable large-scale response to catastrophic oil spills that can be used when the preferable option of recapturing the oil cannot be achieved. By allowing even mild wave action to disperse floating oil into tiny droplets (<70 µm) in the water column, seabirds, reptiles, and mammals are protected from lethal oiling at the surface, and microbial biodegradation is dramatically increased.

Vapro VBCI Enviro-Clean OSD Type 1 is used to disperse and clear accidental oil spills on decks of ships, rigs and in the sea.

Advantages

- Conforms to UK Warren Spring LR448
- Non-flammable
- Biodegradable
- Biobased
- Essentially Non-Toxic
- Safe for Marine Biota
- Safe for applicators

**For more detailed information,
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