

CARECLEAN OSD ENVIRO

- Fast acting dispersion of oils.
- Contains no petrochemical solvents.
- User friendly and non-flammable.

Directions For Use

Careclean OSD Enviro oil spill dispersant should be used neat and can be applied by spraying from the surface vessels. Used neat it will disperse in practice a ratio of about 2 to 4 times its own volume.

Application

Careclean OSD Enviro oil spill dispersant should be sprayed onto the oil slick using spraying equipment connected to booms with spray nozzles supplied by a pump from storage tanks. When using the product the sea surfaces should be agitated using breaker boards, boat propellers, bow wave ect. to help disperse the oil. When dealing with small spills from vessels, use hand spray pump or an eductor and fire hoses or monitor. This will mix the dispersant with seawater, and agitating the sea will help break up the oil slick as well as applying the dispersant. This technique has also proved valuable when dealing with small spills in ports and harbors between ships side, wharfs and pilings, ect. or any area which has difficult access.

Beach and Shore Application

Careclean OSD Enviro oil spill dispersant may be used for the beach and shore cleaning. Before using Careclean OSD Enviro on beaches, the local environmental, social, economic and political consideration should be taken into account. Where application is justified, the most appropriate method of use will depend on the type of shore line, type of oil and amount. When a beach has oily liquid from a spill, it is advisable to remove as much of it as possible mechanically before using a dispersant. The amount of dispersant used is dependent on the type of oil. In cases of light to medium crude oils and light to medium fuel oils, Careclean OSD Enviro will be sufficient. For heavier oils or mousse-like residues, we advise the use of Careclean OSD. Apply the dispersant over the oil working from the low watermark upwards, before a rising tide, or in areas where it is calm or small tidal movements, use hoses to wash down the shore line to remove oil from rocks and beach.

Technical Information

The effectiveness of the oil dispersant will vary depending on the state of the oil, i.e., its pour point and viscosity at sea temperature and the time of weathering, evaporating of the lighter fractions of oil and the formation of oil-in-water emulsions which will all quickly increase viscosity and pour point and hence increase resistance to dispersion.

To be effective, it is essential to use Careclean OSD Enviro as early as possible in the cleanup operation. We recommended users of oil dispersants to read the IMO publication 'IMO/UNEP' Guidelines on Oil Spill Dispersants Application and Environmental Considerations'. This book gives more information on the application of dispersants. We would also like to point out that the use of dispersants in many countries is governed by local authorities or Coast Guard and permission to use the product must be sought.

Typical Physical Properties

Composition: an aqueous blend of glycols, glycolethers, nonionic and anionic surfactants.

Specific Gravity (25°C)	: 1.0
Flash Point (PMCC)	: none
pH (10% solution)	: 6.8
Viscosity	: 13 mPa.s (0°C)
	: 4 mPa.s (20°C)
Cloud point	: < - 3°C (26.6°F)

For detailed information on safety and health, please refer to Material Safety Data Sheet and / or Product label.

The details of our products are given completely free of undertaking. Since their application lies outside our control we cannot accept any liability for the results.