

OSD 570 - OIL SPILL DISPERSANT

GENERAL DESCRIPTION

Norchem OSD 570 is a "Low-Toxic" oil spill dispersant and emulsifier formulated to combat heavy crude oil slicks and other light petroleum products at sea as well as other areas where oil spillage is present.

ADVANTAGES

- Fast action-Contains effective active agents and emulsifiers
- High flash point - Eliminates fire hazard, handling and storage problems
- Economical - Can be diluted with water
- Safe on marine lives
- No toxic fumes or objectionable odour
- Biodegradable

WHERE TO USE

Norchem OSD 570 are used practically anywhere. Whether it is on land or at sea as long as there is an oil spillage problem - e.g. over contaminated sea surfaces, on decks, engine rooms, platforms, on board vessels or offshore rigs, refineries, oil terminals, loading bays, harbours and beaches.

USE DIRECTIONS

Oil slick at sea

The slick or oil contamination is preferably contained by means of oil boom. OSD 570 should be applied by a sprayer in the form of fine droplets, which are spread over the contaminated sea surface. Agitate sprayed areas with high-pressure stream of water or a long pole. Alternatively, the treated surface can be run over by a motorboat.

On large slicks at sea, OSD 570 should be applied from work boats equipped with spray nozzles mounted on booms externally from either side of boat. The nozzles should be mounted in such away that the spray hits sea at a straight angle, with an overlap of 15-20 cm of adjacent spray patterns. The flow should be provided by low pressure, using low volume pumps with a working pressure of 0.7-1.4 bars and a capacity in the order of 20-80 ltrs per minute.

The propeller movement and the wake will provide the necessary agitation for the dispersant to emulsify the oil within 30 minutes.

Consumption of dispersant may depend on the thickness of the oil slick, boom length of the workboat, speed of the workboat and pumping capacity. For lighter spill such as petrol or light crude, OSD 570 may be diluted 1:10 or 1:5 respectively with water.

Spillage on hard surfaces

Use neat or dilute with 1 to 2 parts of fresh or seawater. Spray spill thoroughly. Depending upon thickness of oil, allow up to 20 minutes saturation time before pressure rinse with water. Treated spill on platforms, boats, rigs and barges may be flushed overboard without causing a slick.

CHEMICAL PROPERTIES

Surfactants and dispersing agents in a base of non-aromatic organic solvents. Miscible with water. Aromatic content less than 0.5% Kari-Butanol value.

PHYSICAL PROPERTIES

Appearance : Yellowish liquid
Flash point : Above 78°C.
Density : 0.84 ± 0.01 @ 25°C
Stability : 3 years under normal storage

HANDLING PRECAUTIONS

Avoided prolong contact with skin. Flush with plenty of water if liquid gets into eyes or skin. Keep away from open flames.

PACKAGE

Supplied in 25 and 200 litres container