

## SEAQUEST 680 WBC

### GENERAL DESCRIPTION

Norchem Seaquest 680 WBC is a Type III concentrated water-based dispersant which contains highly effective emulsifiers, dispersants and a water-soluble solvent. Seaquest 680 WBC can be converted into a Type II dispersant by diluting with 10 parts water.

### ADVANTAGES

- Fast Action: Readily emulsifies oil
- Non-Flammable: No fire risk
- Non-Toxic: Safe on marine life
- No fumes or objectionable odour
- Excellent Multipurpose Detergent
- Biodegradable

### APPLICATION

Norchem WBC 680 Seaquest is used for the dispersing of oil discharge or oil spills in accordance with the procedures set forth by the U.S. Coast Guard and other government agencies.

### MIXING RATIO

- 1) Light Duty Dispersing:  
- 1 part Seaquest with 15 to 20 parts water
- 2) Heavy Duty Dispersing:  
- 1 part Seaquest with 8 to 10 parts water

NOTE: Dispersion capacity is dependent on type of spilled oil, thickness, weathering, temperature and environment conditions.

### USE DIRECTIONS

#### **Spillage at Sea**

The slick is preferably contained by means of an oil boom. It is always advisable to recover the oil first by suitable oil skimmer or sorbent materials. The dispersant is then sprayed in the form of fine droplets onto the spill. An alternative application is by passing the dispersant through an eductor at >5 to <10% concentration in sea water depending on the type of spill, weathering, temperature and thickness of the slick.

On large spillage at sea, Seaquest 680 WBC should be applied from work boats equipped with spray nozzles mounted on both booms externally from either side of boat. The nozzles should be mounted in such a way that the spray hits sea at a straight angle with an overlap of 15 – 20cm of adjacent spray pattern. The flows should be provided by low pressure of 0.7 – 1.4 bars and a capacity of the order of 20 litres per minute. The propeller movement and wake will provide the necessary agitation for the dispersant to emulsify the oil.

#### **Spillage on Hard Surfaces**

Seaquest 680 WBC is highly recommended as a rigwash or multipurpose detergent to remove oily or greasy hard surfaces. Depending on the degree of contamination, dilute 5 to 10 parts with fresh or sea water. Apply to the contaminated areas and allow up to 20 minutes saturation time before pressure rinse with water. The use of a broom or brush will accelerate the cleaning process before rinsing. Treated spills on platforms, decks, rigs, boats and barges may be flushed overboard without causing a slick.

Seaquest 680 WBC can also be used as a degreaser for cleaning pipes, engine parts, equipments, etc. Dilute 1 part with 10 parts water depending on degree of soil.

### PHYSICAL PROPERTIES

Appearance	: Clear Liquid
Flash Point	: None
PH	: 9.6 ± 0.5
Odour	: Mild
Specific Gravity	: 0.98 – 1.08 @ 20°C

### PRECAUTIONS

No special handling needed as product is non-toxic and non-flammable. Store in a cool and dry place.

### PACKING

Available in 25 or 200 litres containers

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