

OSD / WB

OIL SPILL DISPERSANT

- * **APPROVED BY MPA, SINGAPORE**
- * **LOW TOXICITY**
- * **LEAVES NO MESSY SCUM ON SURFACES**
- * **BIODEGRADABLE**
- * **ECONOMICAL**

PRODUCT DESCRIPTION

A-290 is an internationally approved, low toxicity water based emulsifier, for the dispersal of oil spills on water at sea and hard surfaces on land such as harbours, beaches, shoreline or from decks, oil rig platforms and dock areas.

A-290 has been tested and approved as an effective low toxicity oil dispersant, in accordance with the prevention of pollution of the sea regulations. It is non-toxic and meets the IMO regulations.

A-290 is specially designed to counter specific problems of oil spillage on water. The spillage causes sea pollution and contamination to coastal lines, sides of marine vessels, recreational areas, severe loss to aquatic life, damages to marine food and exposing marine properties to fire hazards.

DIRECTIONS FOR USE

1. OIL SPILL AT SEA

A-290 should be sprayed neatly on the surfaces of the spilled oil by using low volume and low pressure. Avoid spraying against the direction of wind. Allow sufficient time for the spilled oil to absorb **A-290**. The treated surface should then be agitated with a high pressure stream of water. For oil spillage treated from a launch or motor boat, the contaminated area can be agitated by running the boat through it several times.

2. SPILLED OIL ON BEACHES AND OFF-SHORE LINE

Apply **A-290** neatly by spraying over spilled areas. Allow sufficient time for the dispersant to penetrate, followed by washing the beach or rocks.

A-290

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3. OIL SPILL ON SHIP

Prior to applying **A-290**, remove as much oil as possible. Spray **A-290** on the contaminated surface and allow it to work for a few minutes. Disperse the mixture with water under pressure. In stubborn cases, several applications may be necessary.

FIELDS OF APPLICATION

A-290 is recommended for use in harbours and shipyards, ship cleaning companies, marine vessels, oil refinery terminals etc.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: Light Yellow Liquid
SPECIFIC GRAVITY AT 25°C	: 1.0 – 1.10
FLASH POINT, PMCC DEGREE C	: None
BIODEGRADABILITY	: >90%
ODOR	: Mild
STABILITY	: Stable under normal storage conditions.



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SAFETY AND HANDLING INFORMATION

Protective Measures	No special protective measure is required during normal usage. Rinse hands with water after use.
Spillage & Disposal	Spillage is slippery. Wear gloves, confine spill and stop leak at source if possible. Pump liquid back into original container. Absorb remaining liquid with inert material such as dry sand or earth.
<u>FIRST AID</u> Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Wash skin thoroughly. Remove grossly contaminated clothing, including shoes and launder before reuse.
If Inhaled	Remove victim to open air. Seek medical advice if effect persists.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<u>HANDLING</u> Storage & Transportation	Product should be stored and transported in original containers. Do not store near heat, sparks, flame or strong oxidizers. Store away from strong acids or foodstuff. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight. Open container slowly to control possible pressure release.
Packaging	Packed in 25 litres and 200 litres non-returnable containers.

