

OIL SPILL DISPERSANT

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

PRODUCT DESCRIPTION

A-510 is an internationally approved, low toxicity hydrocarbon 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-510 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-510 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.

A-510 contains extra-strong super emulsifying agent and solvent carriers to break up specially tough oil spills which cannot be dispersed by ordinary dispersants.

A-510 is also suitable for tank cleaning and as a general solvent degreaser.

A-510

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® APEX CHEMICALS (S) PTE LTD

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DIRECTIONS FOR USE

1. OIL SPILL AT SEA

A-510 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. 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-510** neatly by spraying over spilled areas. Allow sufficient time for the dispersant to penetrate, followed by washing the beach or rocks.

3. OIL SPILL ON SHIP

Prior to applying **A-510**, remove as much oil as possible. Spray **A-510** on the contaminated surface and allow it to work for a few minutes. Disperse the mixture with water under pressure.

4. OTHER SHIPBOARD CLEANING

A-510 can be used as a general cleaner/degreaser for the removal of greases and oil from engine parts, heat exchangers, exhaust stains and light carbon deposits from all hard surfaces. **A-510** can also be used for general tank cleaning using spray, injection or circulation methods.

FIELDS OF APPLICATION

A-510 is recommended for use in harbours and shipyards, ship cleaning companies, marine vessels, oil refinery terminals etc.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: Light Straw Liquid
SPECIFIC GRAVITY AT 25°C	: 0.8 – 0.9
KINEMATIC VISCOSITY AT 25°C (CST)	: 9.6
FLASH POINT, PMCC DEGREE C	: >70
BIODEGRADABILITY	: >90%
ODOR	: Petroleum-like odor
STABILITY	: Stable under normal storage conditions.

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SAFETY AND HANDLING INFORMATION

Protective Measures	Use with good industrial hygiene and avoid direct contact. Wear full protective clothing, impervious gloves, goggles or full-face mask. Use only in adequately ventilated areas, equivalent to outdoors. Neat product should not be heated above 60°C.
Spillage & Disposal	Remove all ignition sources and isolate area. Stop leak at source if this is possible. Recover free liquid and ventilate area. Keep petroleum products out of sewers and water courses by impounding. Absorb residue with dry sand or earth. Dispose off absorbed residue as per local authority requirements.
<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. Seek medical attention if necessary.
If Inhaled	Evacuate victim to open air. If breathing or circulation has stopped, apply appropriate resuscitation. Keep at rest. Seek prompt medical attention.
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. Keep container lid tightly sealed and dry. Store in a cool and dry area, away from direct sunlight, ignition sources or extreme heat. Keep away from open flames.
Packaging	Supplied in 25 litres and 200 litres non-returnable containers.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. Apex Chemicals (S) Pte Ltd and its vendors make no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.

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