

ECODIS

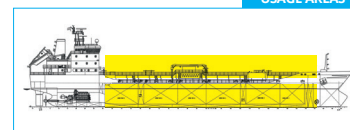
General Purpose Detergent Water Based

Technical Information

PHYSICAL DATA

Appearance:	Clear yellow liquid
Specific gravity:	0,84 at 15°C
Viscosity at 20°C:	9,5 cSt.
Flash Point:	72°C.
Freezing Point:	-20°C.
Corrosive action:	No attack on common metals

USAGE AREAS



DESCRIPTION

Liquid compound containing surface active agents and very low toxicity solvents.

- Biodegradable
- Very low toxicity
- Fast and effective usage

APPLICATION

- Dispersal and clearance of accidental oil spills of mineral oil: crude oil, kerosene, residual fuel oil, white spirit, diesel fuel oil, lubricating oils
- For use on oil spills that may occur during loading and discharging of cargo or bunkers.
- For use at sea, in harbours and on around offshore structures.

ADVANTAGES

- Ready for use product -direct application.
- Rapid action -converts hydrocarbons into very fine emulsions.
- Accelerates the chemical breakdown of the oil fractions by marine bacteria.
- Licensed by local Authorities whenever applicable.
- Biodegradability of the dispersant better than 90% within 21 days.

ECODIS

DIRECTIONS FOR USE

Oil spills on water

- Contain any floating oil spill where possible, using an oil boom surround.
- If oil layer is thick, pump or skim off as much as possible.
- When as much oil as possible has been taken off, or if spill cannot be contained, apply ECODIS neat. (Consult Product Dose for quantities required).
- For small areas, apply by spray using a portable hand spray gun and extensions. Allow some time for oil to absorb ECODIS, then disperse mixture by agitating with water from fire hoses or by using mechanical means of agitating.
- For large areas use as follows:
 - A) using spraying equipment connected to the sides of a motor launch (ensure the spray is directed over spill before the wake becomes turbulent).
 - B) using spraying equipment connected to a helicopter (helicopter should be kept at a height where down-draught from rotors does not cause the slick to break up whilst spraying). After spraying allow, where possible, time for the oil to absorb ECODIS, then disperse mixture by agitating.

Oil spills on decks, rocks, beaches, etc.

- Remove as much of the oil as possible, by using an oil absorbent powder or similar.
- Spray ECODIS over the area covered by the oil and allow some time for it to be absorbed into the oil (consult Product Dose for quantities required).
- Disperse the mixture with water either by means of a fire hose, or for certain beaches and rocks by natural tidal wash action.
- Where oil marks are not recent, several applications may be necessary.

PRODUCT DOSE

Dosage of ECODIS depends upon the type and quantity of the oil composing the spill. We recommend the following:

- Regular crude oil -thin layer: use 1 volume of ECODIS for 10 volumes of oil.
- Heavy hydrocarbon oil -or thick layer: use up to 1 volume of ECODIS for 4 volumes of oil

IMPORTANT NOTICE

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.