

**MATERIAL SAFETY DATA SHEET**  
"READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET  
BEFORE HANDLING OR DISPOSING OF PRODUCT"



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**ALFACYLO 570**

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**1. PRODUCT AND COMPANY NAME**

**PRODUCT CODE AND NAME**

ALFACYLO 570

**DESCRIPTION**

Marine Oils

**COMPANY**

AEGEAN OIL 42 Hatzikyriakou street

GR 18538

piraeus

GREECE

Tel : +30/2104586000

Fax : +30/2104586241

Emergency Phone Number : +30/2107793777

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Name</u>	<u>% Wt</u>	<u>CAS No.</u>	<u>EC No.</u>
Mineral oil	80 - 94,99	*	*
Calcium long chain alkaryl sulphonate	3 - 9,99	90194-27-7	290-636-7
R 53	May cause long-term adverse effects in the aquatic environment.		

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(IP 346 DMSO extract < 3%)

\* : Mineral oil : EC-N°s : 265-169-7 ; 265-166-0 ; 265-101-6

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**3. HAZARDS IDENTIFICATION**

**Product classification**

Product is not classified as dangerous according to Directive 1999/45/EC.

**Acute effects of exposure to man**

Inhalation

Vapours or mist in unusually high concentrations, as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Skin contact

Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.

Eye contact

May cause minimal irritation, experienced as temporary discomfort.

Ingestion

No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.

**Chronic effects of exposure to man**

**Medical conditions aggravated by exposure**

Because of its defatting properties, prolonged and repeated skin contact may aggravate an

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**Effects of exposure to the environment**

existing dermatitis (skin condition).  
May form an oil film leading to deoxygenation of water and possible harmful effects on aquatic life.

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**4. FIRST AID MEASURES**

**Route of exposure**

Inhalation

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

Skin contact

Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

Eye contact

Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Ingestion

Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious or convulsing person.

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**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media

Use water fog, dry powder, foam or carbon dioxide. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water fog to disperse the vapours and to provide protection for personnel attempting to stop the leak.

Extinguishing media which must not be used for safety reasons

Water jet

Special exposure hazards arising from the substance or preparation itself,

combustion products, resulting gases

None

Special protective equipment for firefighters

The nature of special protective equipment required will depend upon the size of the fire, the degree of confinement of the fire and the natural ventilation available. Fire-resistant clothing and self-contained breathing apparatus is recommended for fires in confined spaces and poorly-ventilated areas. Full fire-proof clothing is recommended for any large fires involving this product. In case of fire - Always call the fire brigade. Small fires, such as those capable of being fought with a hand-held extinguisher, can normally be fought by a person who has

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received instruction on the hazards of flammable liquid fires. Fires that are beyond that stage should only be tackled by people who have received hands-on training. Ensure escape paths available.

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**6. ACCIDENTAL RELEASE MEASURES**

Procedures in case of accidental release or leakage

Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent liquid or runoff from entering waterways and sewer systems.

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**7. HANDLING AND STORAGE**

Handling

Avoid prolonged or repeated contact with skin. Avoid breathing vapours.

Storage

Store in the original container securely closed and at room temperature.

Specific use (s)

For intended product uses please refer to the Product Information Leaflet (PIL)

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection

Airborne concentrations should be kept to lowest levels possible. If vapour or mist is generated, use approved respirator as appropriate.

Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Hand and skin protection

Exposed employees should exercise reasonable personal cleanliness. This includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing.

Eye protection

Chemical type goggles or face shield recommended to prevent eye contact.

Exposure limit for the product

Oil mist, mineral (excluding metalworking fluids)  
: TWA : 5 mg/m<sup>3</sup> ; STEL : 10 mg/m<sup>3</sup>

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance

Bright and clear liquid

Odour

Mineral oil

Flash point (ASTM D92), °C

230 min

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Relative density	0.93 @ 15 °C
Viscosity	230mm <sup>2</sup> /s @ 40 °C

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**10. STABILITY AND REACTIVITY**

<u>Materials to avoid</u>	Strong oxidising agents.
<u>Hazardous decomposition products</u>	Oxides of carbon, aldehydes and ketones.

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**11. TOXICOLOGICAL INFORMATION**

<b><u>Acute</u></b>	
<u>Inhalation</u>	High concentrations of vapours or mist are likely to be irritating to the respiratory tract and may cause nausea, dizziness, headaches and drowsiness.
<u>Skin contact</u>	Slightly irritating to the skin.
<u>Eye contact</u>	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
<u>Ingestion</u>	Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.
<b><u>Chronic</u></b>	Repeated skin contact may cause a persistent irritation or dermatitis.

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**12. ECOLOGICAL INFORMATION**

<u>Mobility</u>	Spillages may penetrate the soil causing ground water contamination.
<u>Persistence and degradability</u>	According to EC criteria : Not readily biodegradable
<u>Potential to bioaccumulate</u>	Considered unlikely to bioaccumulate.
<u>Aquatic toxicity</u>	Not classified as toxic.
<u>Remarks</u>	Believed not to represent a long-term danger to the aquatic environment.

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**13. DISPOSAL CONSIDERATIONS**

<u>Disposal</u>	Dispose in accordance with local laws and regulations governing disposal of waste oil.
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**14. TRANSPORT INFORMATION**

transport	Not regulated
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**15. REGULATORY INFORMATION**

**Classification/Labelling  
information**

Under the criteria of Directive EEC/67/548  
(dangerous substances) and EEC/1999/45  
(dangerous preparations) :  
Not classified

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**16. OTHER INFORMATION**

Full text of risk phrases

R 53                      May cause long-term adverse  
effects in the aquatic environment.

Changes were made in sections :

2, 3, 7, 9, 15, 16

All information contained in this Material Safety Data Sheet and, in particular, the health and safety and environmental information is accurate to the best of our knowledge and belief as at the date of issue specified. However, the Company makes no warranty or representation, express or implied, as to the accuracy or completeness of such information.

The provision of this Material Safety Data Sheet is not intended, of itself, to obviate the need for all users to satisfy themselves that the product described is suitable for their individual purposes and that the safety precautions and environmental advice are adequate for their individual purposes and situation. Further, it is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product.

The company accepts no responsibility for any injury, loss or damage, consequent upon any failure to follow the safety and other recommendations contained in this Material Safety Data Sheet, nor from any hazards inherent in the nature of the material, nor from any abnormal use of the material.

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