

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 29.06.2018

Version number 2

Revision: 29.06.2018

\* **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Trade name:** ALFAGEAR 68, 100, 150, 220, 320, 460, 680

**Registration number:** Substances contained in the mixture have already (pre)-registered by the suppliers.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No relevant identified uses-mixture of substances.

**Application of the substance / the mixture:** Lubricant

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Aegean

10, Akti Kondyli,

Piraeus, Greece, 185 45

Tel: (+30) 210 4586000

Fax: (+30) 210 4586244

E-mail: technical@aegeanlubes.com

**1.4 Emergency telephone number:**



Emergency telephone number: 112

\* **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

**2.2 Label elements**

**Labelling according to Regulation EC No 1272/2008 CLP:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

**Additional information:**

EUH208 Contains Long-chain alkyl amine. May produce an allergic reaction.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

\* **SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures**

**Description:** Lubricant

**Ingredients according Regulation (EU) 830/2015:** Void

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

No special measures required.

Take affected persons out into the fresh air.

**After inhalation:** Seek medical treatment in case of complaints.**After skin contact:**

Wash the skin immediately with soap and water.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Never give anything by mouth to an unconscious person.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.**5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)**5.3 Advice for firefighters****Protective equipment:** Use of protective clothes and respiratory device is being recommended in case of fire.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:****6.1.1 For non-emergency personnel**

Keep away from ignition sources.

Ensure sufficient ventilation.

**6.1.2 For emergency responders**

Use safety goggles, in case of contact with the eyes.

Use chemicals resistant gloves.

Use antistatic and slip resistant boots.

**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:**

Pick up mechanically with a non combustibile material such as earth or sand.

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Avoid contact with hot product

**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**
**Storage:**
**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**
**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**
**Personal protective equipment**
**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:**


Protective gloves

**Penetration time of glove material**

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:** Not required under normal conditions of use.

**Body protection:** Not required under normal conditions of use.

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**
**General Information**
**Appearance:**
**Form:**

Liquid

**Colour:**

Light-coloured to brown

**Odour:**

Characteristic of lubricants

**Odour threshold:**

Not determined

**pH value:**

Not determined

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|   |   |
|---|---|
| <b>Melting point/freezing point:</b>            | Not determined                                |
| <b>Initial boiling point and boiling range:</b> | Not determined                                |
| <b>Flash point:</b>                             | 215 °C  |
| <b>Flammability (solid, gas):</b>               | Not applicable                                |
| <b>Auto-ignition temperature:</b>               | Not determined                                |
| <b>Decomposition temperature:</b>               | Not determined                                |
| <b>Auto-ignition temperature:</b>               | Product is not selfigniting.                  |
| <b>Explosive properties:</b>                    | Product does not present an explosion hazard. |
| <b>Explosion limits:</b>                        |   |
| <b>Lower:</b>                                   | Not determined                                |
| <b>Upper:</b>                                   | Not determined                                |
| <b>Vapour pressure:</b>                         | Not determined                                |
| <b>Density:</b>                                 | Not determined                                |
| <b>Relative density</b>                         | Not determined                                |
| <b>Vapour density</b>                           | Not determined                                |
| <b>Evaporation rate</b>                         | Not determined                                |
| <b>Solubility in / Miscibility with water:</b>  | Not miscible                                  |
| <b>Partition coefficient: n-octanol/water:</b>  | Not determined                                |
| <b>Viscosity:</b>                               |   |
| <b>Dynamic:</b>                                 | Not determined                                |
| <b>Kinematic at 20 °C:</b>                      | 68 cSt (DIN 53211/4)                          |
| <b>9.2 Other information</b>                    | No further relevant information available.    |

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

#### 10.2 Chemical stability

##### Thermal decomposition / conditions to be avoided

No decomposition if used and stored according to specifications.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Oxidising agents

**10.5 Incompatible materials** No further relevant information available.

**10.6 Hazardous decomposition products** No dangerous decomposition products known.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

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**14.3 Transport hazard class(es)****ADR, ADN, IMDG, IATA****Class** Void**14.4 Packing group****ADR, IMDG, IATA** Void**14.5 Environmental hazards:** Not applicable.**14.6 Special precautions for user** Not applicable.**14.7 Transport in bulk according to Annex II of  
Marpol and the IBC Code** Not applicable.**UN "Model Regulation":** Void**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered.

**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:**

Has been performed for the main ingredients of the product.

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:**

SUSTCHEM Engineering Ltd  
 REACH & Chemical Services Department  
 144, 3rd Septemvriou, GR 112 51, Athens, Greece  
 Tel.: +30 210 8252510 Fax: +30 210 8252575  
 E-mail: info@suschem.gr  
 Website: www.sustchem.gr

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

**\* Data compared to the previous version altered.**

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