

**Aerfast Synthetic compressor oil**

Date 12.8.2015

Previous date: 12.8.2015

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier****1.1.1 Commercial Product Name**

Aerfast Synthetic compressor oil

**1.1.2 Product code**

AFL 0027

**1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Recommended use**

Lubricant

**1.3 Details of the supplier of the safety data sheet****1.3.1 Supplier**

Aerfast Ab

**P.O.Box**

Box 114

**Postcode and post office**

64522 Strängnäs

Sverige

**Telephone**

00 46 152 170 50

**Email**

aholmen@aerfast.se

**1.4 Emergency telephone number****1.4.1 Telephone number, name and address**

09-471 977 tai 09-4711 Myrkytystietokeskus / HUS

PL 340 (Haartmaninkatu 4), 00029 HUS (Helsinki)

**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****2.2 Label elements****2.3 Other hazards****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components****CAS/EC and Reg. number**

128-39-2

204-884-0

**Chemical name of the substance**

2,6-di-tert-butyylifenoli

**Concentration Classification**

0,5-1%

CLP:  
Skin Irrit. 2; H315  
Aquatic Acute 1; H400  
Aquatic Chronic 1; H410  
DSD-DPD:  
Xi; R38  
N; R50/53**4. FIRST AID MEASURES****4.1 Description of first aid measures****4.1.2 Inhalation**

If breathed in, move person into fresh air.

**4.1.3 Skin contact**

Immediately flush skin with large amounts of water.

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- 4.1.4 Eye contact**  
Immediately flush eye(s) with plenty of water. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- 4.1.5 Ingestion**  
Do not induce vomiting without medical advice.
- 4.2 Most important symptoms and effects, both acute and delayed**
- 4.3 Indication of immediate medical attention and special treatment needed**

**5. FIREFIGHTING MEASURES**

- 5.1 Extinguishing media**
- 5.1.1 Suitable extinguishing media**  
ABC powder Water mist Dry chemical Carbon dioxide (CO<sub>2</sub>)
- 5.1.2 Extinguishing media which must not be used for safety reasons**  
Halons
- 5.2 Special hazards arising from the substance or mixture**  
None known.
- 5.3 Advice for firefighters**  
Protective equipment and precautions for firefighters
- 5.4 Specific methods**  
Do not allow run-off from fire fighting to enter drains or water courses.

**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Wear personal protective equipment.
- 6.2 Environmental precautions**  
Try to prevent the material from entering drains or water courses.
- 6.3 Methods and materials for containment and cleaning up**  
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
- 6.4 Reference to other sections**

**7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**
- 7.2 Conditions for safe storage, including any incompatibilities**  
Store in original container. Keep in a dry, cool and well-ventilated place.
- 7.3 Specific end use(s)**  
None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Control parameters**  
No Limit
- 8.1.2 Other information on limit values**  
no data available

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- 8.1.3 Limit values in other countries**  
no data available
- 8.1.4 DNELs**  
no data available
- 8.1.5 PNECs**  
no data available
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**  
Ensure adequate ventilation.
- 8.2.2 Individual protection measures**
- 8.2.2.2 Hand protection**  
Protective gloves
- 8.2.2.3 Eye/face protection**  
Goggles
- 8.2.3 Environmental exposure controls**  
Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 Important Health Safety and Environmental Information**
- 9.1.1 Appearance**  
Liquid amber
- 9.1.2 Odour** oily
- 9.1.3 Odour threshold** not determined
- 9.1.4 pH** not determined
- 9.1.5 Melting point/freezing point** not determined
- 9.1.6 Initial boiling point and boiling range** > 350 °C
- 9.1.7 Flash point** > 200 °C
- 9.1.8 Evaporation rate** not determined
- 9.1.9 Flammability (solid, gas)** not determined
- 9.1.10 Explosive properties**
- 9.1.10.1 Lower explosion limit** not determined
- 9.1.10.2 Upper explosion limit** not determined
- 9.1.11 Vapour pressure** not determined
- 9.1.12 Vapour density** not determined
- 9.1.13 Relative density** 0,837 20 °C
- 9.1.14 Solubility(ies)**
- 9.1.14.1 Water solubility** insoluble
- 9.1.14.2 Fat solubility (solvent - oil to be specified)** not determined
- 9.1.15 Partition coefficient: n-octanol/water** not determined
- 9.1.16 Auto-ignition temperature** not determined
- 9.1.17 Decomposition temperature** not determined
- 9.1.18 Viscosity** 68 mm<sup>2</sup>/s 40 °C
- 9.1.19 Explosive properties** not determined
- 9.1.20 Oxidising properties** not determined
- 9.2 Other information**

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**10. STABILITY AND REACTIVITY**

- 10.1 Reactivity**  
None known.
- 10.2 Chemical stability**  
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**  
None known.
- 10.4 Conditions to avoid**  
Heat, flames and sparks.
- 10.5 Incompatible materials**  
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.6 Hazardous decomposition products**

**11. TOXICOLOGICAL INFORMATION**

- 11.1 Information on toxicological effects**
- 11.1.1 Acute toxicity**  
LD50/oral/rat =>2000mg/kg  
LD50/dermal/rabbit =>2000mg/kg  
2,6-di-tert-butylphenol:  
LD50/oral/mouse =2995 mg/kg
- 11.1.4 Subacute, subchronic and prolonged toxicity**  
No data is available on the product itself.

**12. ECOLOGICAL INFORMATION**

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**  
no data available
- 12.1.2 Toxicity to other organisms**  
no data available
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**  
no data available
- 12.2.2 Chemical degradation**  
no data available
- 12.3 Bioaccumulative potential**  
no data available
- 12.4 Mobility in soil**  
no data available
- 12.5 Results of PBT and vPvB assessment**  
no data available
- 12.6 Other adverse effects**  
no data available

**13. DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods**  
Dispose of wastes in an approved waste disposal facility.

**13.2 Waste from residues / unused products**  
Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled.

**14. TRANSPORT INFORMATION**

**14.1 UN number** Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)** Not classified as dangerous in the meaning of transport regulations.

**14.4 Packing group**

**14.5 Environmental hazards**

**14.6 Special precautions for users**

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2 Chemical safety assessment**  
no data available

**16. OTHER INFORMATION**

**16.8 Additional information available from:**  
aholmen@aerfast.se