

Printing date 29.07.2021 Version number 1 Revision: 29.07.2021

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

1.1 Product identifier

Trade name: ATF PROTECT NG 7-9

**Description / Product Code: FORMULA ID: 71** 

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

No further relevant information available.

Application of the substance / the mixture: Lubricant

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

Manufacturer/Supplier:

Company responsible for the placing on the market:

LPC S.A.

Megaridos Avenue 124

Aspropyrgos - Attica, 193 00

Tel.: 210 - 809 3900 Fax: 210 - 809 3999

e-mail: technical@cyclon.gr

#### 1.4 Emergency telephone number:



European Emergency Tel.: 112

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

#### Labelling according to Regulation EC No 1272/2008 CLP:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms: Void

Signal word: Void

#### **Hazard statements:**

H412 Harmful to aquatic life with long lasting effects.

#### **Precautionary statements**

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### **Additional information:**

EUH208 Contains 4,4'-thiodiethylene hydrogen -2-octadecenylsuccinate. May produce an allergic reaction.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

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vPvB: Not applicable.

<b>SECTION 3: Composition/inform</b>	ation on ingredients		
3.2 Mixtures			
<b>Description:</b> Mixture: consisting of	2 1		
Ingredients according Regulation (EU) 2020/878:			
CAS: 72623-87-1 EINECS: 276-738-4 Index number: 649-483-00-5 Reg.nr.: 01-2119474889-13-XXXX	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based  Asp. Tox. 1, H304	≥50-<909	
CAS: 36878-20-3 EINECS: 253-249-4 Reg.nr.: 01-2119488911-28-XXXX	Bis(nonylphenyl)amine Aquatic Chronic 4, H413	≤2.5%	
CAS: 125643-61-0 ELINCS: 406-040-9 Index number: 607-530-00-7 Reg.nr.: 01-0000015551-76-XXXX	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate  Aquatic Chronic 4, H413	≤2.5%	
CAS: 64742-55-8 EINECS: 265-158-7 Index number: 649-468-00-3 Reg.nr.: 01-2119487077-29-XXXX	Distillates (petroleum), hydrotreated light paraffinic  Acute Tox. 3, H331; Asp. Tox. 1, H304	≤2.5%	
CAS: 64742-56-9 EINECS: 265-159-2 Index number: 649-469-00-9 Reg.nr.: 01-2119480132-48-XXXX	Distillates (petroleum), solvent-dewaxed light paraffinic Asp. Tox. 1, H304	≤2.5%	
CAS: 72623-86-0 EINECS: 276-737-9 Index number: 649-482-00-X Reg.nr.: 01-2119474878-16-XXXX	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based  Asp. Tox. 1, H304	≤2.5%	
EC number: 701-204-9 Reg.nr.: 01-2119960832-33-XXXX	Isooctadecanoic acid, reaction products with tetraethylenepentamine  Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤2.5%	
ELINCS: 424-820-7 Reg.nr.: 01-0000017126-75-XXXX	Alkyl phosphites	≥0.25-<1	
CAS: 93882-40-7 EINECS: 299-434-3	4,4'-thiodiethylene hydrogen -2-octadecenylsuccinate Aquatic Chronic 2, H411; Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1-<0.2	



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

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General information: Take affected persons out into the fresh air.

#### After inhalation:

If breathing is difficult, remove to fresh air. Restore breathing. Keep warm and quiet. Notify physician.

Seek medical treatment in case of complaints.

#### **After skin contact:**

Remove contaminated clothing.

Wash the skin immediately with soap and water.

In case of skin irritation, consult a physician.

#### **After eye contact:**

Rinse eyes immediately with plenty of water, alternately lifting the upper and lower eyelids.

Remove contact lenses and continue rinsing for several minutes

Avoid strong water jet-risk of cornea damage, consult a doctor.

#### After swallowing:

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

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

# 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:

CO2, powder or water spray. Fight larger fires with water spray.

Foam

Sand or earth

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

#### **5.3** Advice for firefighters

# **Protective equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Wear protective goggles.

#### 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:

Wear protective equipment. Keep unprotected persons away.

### 6.1.1 For non-emergency personnel

Avoid contact with dripping or leaking material

Contact emergency personnel.

Ensure sufficient ventilation.

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Caution for slippery surfaces.

Use personal protective equipment.

# 6.1.2 For emergency responders

Wear protective equipment. Keep unprotected persons away.

First-aid responders must wear protectice clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Dispose contaminated material as waste according to item 13.

#### **6.4** Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

#### **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

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

### 7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in cool, dry conditions in well sealed receptacles.

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: None.

**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.

#### **DNELs**

(CAS: 72623-87-1) Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Workers

Long-term exposure, local effects, inhalation: 5.6 mg/m³ Long-term exposure, systemic effects, inhalation: 2.7 mg/m³ Long-term exposure, systemic effects, dermal: 1 mg/kg bw/day

Consumers

Long-term exposure, systemic effects, dermal: 0.74 mg/kg bw/day

(CAS: 36878-20-3) Bis(nonylphenyl)amine

Workers

Exposure: Dermal

Long-term - systemic effects

Value: 0.62 mg/kg Exposure: Inhalation

Long-term - systemic effects

Value: 4.37 mg/m<sup>3</sup>

Consumers

Exposure: Dermal

Long-term - systemic effects

Value: 0.31 mg/kg

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Exposure: Inhalation

Long-term - systemic effects

Value: 1.09 mg/m<sup>3</sup> Exposure: Oral

Long-term - systemic effects

Value: 0.31 mg/kg

**PNECs** 

(CAS: 36878-20-3) Bis(nonylphenyl)amine

Freshwater: 0.1 mg/l Marine water: 0.01 mg/l Intermittent release: 1 mg/l Sewage Treatment Plant: 1 mg/l Freshwater sediment: 132000 mg/kg Marine water sediment: 13200 mg/kg

Soil: 263000 mg/kg

#### **8.2** Exposure controls

#### **8.2.1. Appropriate engineering controls** Provide adequate ventilation.

# Individual protection measures, such as personal protective equipment General protective and hygienic measures: Wash hands before breaks and at the end of work. Respiratory protection:



In case of insufficient ventilation use suitable respiratory protective device.

#### Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation **Material of gloves** 

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

# **Eye/face protection**



Goggles recommended during refilling

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#### **Body protection:**



Chemical resistant protective suit.

Environmental exposure controls Do not release the product into the environment without control.

# **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

**General Information** 

Physical stateLiquidColour:BrownOdour:CharacteristicOdour threshold:Not determinedFlammabilityNot applicable

Lower and upper explosion limit

Lower: Not determined Upper: Not determined

Flash point: 210 °C

Not Flammable

**Auto-ignition temperature:** Product is not selfigniting.

**Decomposition temperature:**Ph Not determined
Not determined

Viscosity:

Kinematic viscosity at 40 °C 26.2 mm²/s
Kinematic viscosity at 100 °C 5.6 mm²/s

Dynamic: Not determined

**Solubility** 

water:
Partition coefficient n-octanol/water (log value)
Vapour pressure:
Not determined
Not determined
Not determined

Density and/or relative density

Density:0.835 g/cm³Relative densityNot determinedVapour densityNot determined

9.2 Other information

**Appearance:** 

Form: Liquid

Important information on protection of health and

environment, and on safety.

**Auto-ignition temperature:** Not determined

**Explosive properties:** Product does not present an explosion hazard.

**Solvent content:** 

VOC (EC) 0.00 %

**Cloud point / clarification point:** 

Oxidising propertiesNot oxidisingEvaporation rateNot determined

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Information with regard to physical hazard classes	
<b>Explosives</b> Void	
Flammable gases Void	
<b>Aerosols</b> Void	
Oxidising gases Void	
Gases under pressure Void	
Flammable liquids Void	
Flammable solids Void	
Self-reactive substances and mixtures Void	
Pyrophoric liquids Void	
Pyrophoric solids Void	
Self-heating substances and mixtures Void	
Substances and mixtures, which emit flammable	
gases in contact with water Void	
Oxidising liquids Void	
Oxidising solids Void	
Organic peroxides Void	
Corrosive to metals Void	
<b>Desensitised explosives</b> Void	

#### **SECTION 10: Stability and reactivity**

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided Stable at environment temperature.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

# LD/LC50 values relevant for classification:

(CAS: 36878-20-3) Bis(nonylphenyl)amine

Acute oral toxicity LD50 rat: > 5,000 mg/kg Method: OECD 401

Substance tested: Comparison Acute inhalation toxicity

the study is scientifically unjustified

Acute dermal toxicity LD50 rat: > 2,000 mg/kg Method: OECD 402

Substance tested: Comparison

(CAS: 72623-87-1) Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

LD50, oral, rat: > 5000 mg/kg LD50, dermal, rabbit: > 2000 mg/kg

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LC50 (4h), inhalation, rat: ≥ 5.53 mg/l (dust/mists)

**ATE (Acute Toxicity Estimates)** 

Inhalative LC50/4h (dusts and mists) >461-4,608 mg/l (rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eve damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Additional toxicological information:

Repeated dose toxicity Based on available data, the classification criteria are not met.

11.2 Information on other hazards

# **Endocrine disrupting properties**

None of the ingredients is listed.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

# Aquatic toxicity:

(CAS: 36878-20-3) Bis(nonylphenyl)amine

Toxicity to fish

LC50 (Danio rerio (zebra fish)): > 100 mg/l

Exposure time: 96 h Test method: static test Method: OECD 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna): > 100 mg/l

Exposure time: 48 h Test method: static test Method: OECD TG 202

EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l

Exposure time: 72 h Test method: static test Method: OECD TG 201

(CAS: 36878-20-3) Bis(nonylphenyl)amine

Toxicity to invertebrates EC50 (48h): 733 mg/l Toxicity to algae

EC50 (72h, growth rate): 600 mg/l

Toxicity to fish

LC50 (96h): >10,000 mg/l

(CAS: 72623-87-1) Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

LC50, fish: >100 mg/l

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#### CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

EC50 (48h) >10,000 mg/l (Daphnia magna) LC50 (96h) >100 mg/l (Pimephales promelas)

NOEC r (72h)  $\geq 100$  mg/l (algae)

- 12.2 Persistence and degradability No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects Remark: Harmful to fish

Additional ecological information:

**General notes:** 

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

#### Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

Waste disposal key: 13 02 06\* synthetic engine, gear and lubricating oils

#### Uncleaned packaging:

#### **Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

#### **SECTION 14: Transport information**

14.1 UN number or ID number

ADR, IMDG, IATA Void

14.2 UN proper shipping name

ADR, IMDG, IATA Void

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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:		
Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk according	to IMO	
instruments	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) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

#### Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

#### **REGULATION (EU) 2019/1148**

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

# Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

### **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).

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15.2 Chemical safety assessment: 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.

# Relevant phrases

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

### **Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

#### **Department issuing SDS:**



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#### Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the

International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

IMDG: International Maritime Code for Dangerou

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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

Acute Tox. 4: Acute toxicity - Category 4

Acute Tox. 3: Acute toxicity - Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4