

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : 73880 - ATF POWER MBF  
Product code : 73180

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use

##### 1.2.2. Uses advised against

No additional information available

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

North Sea Lubricants B.V. B.V.  
Ampèrestraat 5  
NL- 3846AN Harderwijk  
The Netherlands  
T +31 651345369  
[support@northsealubricants.com](mailto:support@northsealubricants.com) - [www.northsealubricants.com](http://www.northsealubricants.com)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)786527652  
Monday to Friday: 09:00 - 16:00 (CET)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P273 - Avoid release to the environment.  
P501 - Dispose of contents and container to an approved waste disposal plant.  
EUH-statements : EUH208 - Contains 2-octadecenylsuccinic anhydride, thiodiethanol esterification products.  
May produce an allergic reaction.

#### 2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier  | %          | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|------------|--|
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil<br>substance with national workplace exposure limit(s) (BE, BG, CZ, DK, HR, NL, NO); substance with a Community workplace exposure limit | CAS-No.: 64742-54-7<br>EC-No.: 265-157-1<br>EC Index-No.: 649-467-00-8<br>REACH-no: 01-2119484627-25  | ≥ 75       | Asp. Tox. 1, H304  |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate  | CAS-No.: 125643-61-0<br>EC-No.: 406-040-9<br>EC Index-No.: 607-530-00-7<br>REACH-no: 01-0000015551-76 | 0.1 – 2.5  | Aquatic Chronic 4, H413  |
| Reaction products of Benzeneamine, N-phenyl- with nonene (branched)  | CAS-No.: 36878-20-3<br>EC-No.: 253-249-4<br>REACH-no: 01-2119488911-28                                | 0.1 – 2.5  | Aquatic Chronic 4, H413 (M=0)  |
| Reaction product of alkylthioalcohol and substituted phosphorus compound   | EC-No.: 424-820-7<br>REACH-no: 01-00000171126-75, 01-0000017126-75                                    | 0.1 – 0.5  | Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich<br>substance with a Community workplace exposure limit  | CAS-No.: 398141-87-2<br>EC-No.: 800-172-4<br>REACH-no: 01-2119969520-35                               | 0.1 – 0.5  | Aquatic Chronic 2, H411  |
| 2-octadecenylsuccinic anhydride, thiodiethanol esterification products   | EC-No.: 299-434-3<br>REACH-no: 01-2120735527-50   | 0.01 – 0.5 | Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                    |

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.  
Storage temperature : 0 – 40 °C

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

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### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)

#### EU - Indicative Occupational Exposure Limit (IOEL)

|          |                     |
|----------|---------------------|
| IOEL TWA | 5 mg/m <sup>3</sup> |
|----------|---------------------|

### Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

#### EU - Indicative Occupational Exposure Limit (IOEL)

|                |        |
|----------------|--------|
| IOEL TWA [ppm] | 50 ppm |
|----------------|--------|

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### Eye protection

| Type           | Field of application | Characteristics | Standard |
|----------------|----------------------|-----------------|----------|
| Safety glasses | Droplet              | clear           | EN 166   |

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### Hand protection

| Type            | Material  | Permeation        | Thickness (mm) | Penetration | Standard   |
|-----------------|---|-------------------|----------------|-------------|------------|
| Reusable gloves | Nitrile rubber (NBR),<br>Neoprene rubber (HNBR) | 6 (> 480 minutes) | ≥ 0.35         | 3 (> 0.65)  | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                               |
|---|-------------------------------|
| Physical state                                  | : Liquid                      |
| Colour  | : red.                        |
| Odour   | : Not available               |
| Odour threshold                                 | : Not available               |
| Melting point                                   | : Not applicable              |
| Freezing point                                  | : -39 °C                      |
| Boiling point                                   | : Not available               |
| Flammability                                    | : Not applicable              |
| Explosive limits                                | : Not available               |
| Lower explosive limit (LEL)                     | : Not available               |
| Upper explosive limit (UEL)                     | : Not available               |
| Flash point                                     | : 201 °C                      |
| Auto-ignition temperature                       | : Not available               |
| Decomposition temperature                       | : Not available               |
| pH  | : Not available               |
| Viscosity, kinematic                            | : 29 mm <sup>2</sup> /s @40°C |
| Solubility                                      | : insoluble in water.         |
| Partition coefficient n-octanol/water (Log Kow) | : Not available               |
| Vapour pressure                                 | : Not available               |
| Vapour pressure at 50 °C                        | : Not available               |
| Density   | : 846 kg/m <sup>3</sup> @15°C |
| Relative density                                | : Not available               |
| Relative vapour density at 20 °C                | : Not available               |
| Particle size                                   | : Not applicable              |
| Particle size distribution                      | : Not applicable              |
| Particle shape                                  | : Not applicable              |
| Particle aspect ratio                           | : Not applicable              |
| Particle aggregation state                      | : Not applicable              |
| Particle agglomeration state                    | : Not applicable              |
| Particle specific surface area                  | : Not applicable              |
| Particle dustiness                              | : Not applicable              |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)

|   |                         |
|---|-------------------------|
| LD50 oral (rat)                           | > 5000 mg/kg bodyweight |
| LD50 dermal (rabbit)                      | > 5000 mg/kg            |
| LC50 inhalation (rat) (Vapours - mg/l/4h) | > 5.53 mg/l/4h          |

#### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|                   |              |
|-------------------|--------------|
| LD50 oral (rat)   | > 2000 mg/kg |
| LD50 dermal (rat) | > 2000 mg/kg |

#### Reaction products of Benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|                   |                         |
|-------------------|-------------------------|
| LD50 oral (rat)   | > 5000 mg/kg bodyweight |
| LD50 dermal (rat) | > 2000 mg/kg            |

#### Reaction product of alkylthioalcohol and substituted phosphorus compound

|                      |                         |
|----------------------|-------------------------|
| LD50 oral (rat)      | > 2000 mg/kg bodyweight |
| LD50 dermal (rabbit) | > 500 mg/kg bodyweight  |

#### Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

|                 |                   |
|-----------------|-------------------|
| LD50 oral (rat) | 4000 – 8000 mg/kg |
| LD50 oral       | > 10000 mg/kg     |

#### 2-octadecenylsuccinic anhydride, thiodiethanol esterification products

|                 |               |
|-----------------|---------------|
| LD50 oral (rat) | > 10000 mg/kg |
|-----------------|---------------|

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

#### Reaction product of alkylthioalcohol and substituted phosphorus compound

|                   |                      |
|-------------------|----------------------|
| NOAEL (oral, rat) | 150 mg/kg bodyweight |
|-------------------|----------------------|

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STOT-repeated exposure : Not classified

### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)

|                            |                      |
|----------------------------|----------------------|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight |
|----------------------------|----------------------|

### Reaction product of alkylthioalcohol and substituted phosphorus compound

|                            |                     |
|----------------------------|---------------------|
| NOAEL (oral, rat, 90 days) | 50 mg/kg bodyweight |
|----------------------------|---------------------|

Aspiration hazard : Not classified

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|                      |                             |
|----------------------|-----------------------------|
| Viscosity, kinematic | 29 mm <sup>2</sup> /s @40°C |
|----------------------|-----------------------------|

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)

|                        |  |
|------------------------|--|
| LC50 - Fish [1]        | > 100 mg/l Pimephales promelas             |
| EC50 - Crustacea [1]   | > 10000 mg/l Daphnia magna                 |
| NOEC chronic fish      | 1000 mg/l Oncorhynchus mykiss              |
| NOEC chronic crustacea | 10 mg/l Daphnia magna                      |
| NOEC chronic algae     | > 100 mg/l Pseudokirchneriella subcapitata |

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|                      |                                  |
|----------------------|----------------------------------|
| LC50 - Fish [1]      | > 74 mg/l Danio rerio            |
| EC50 - Crustacea [1] | > 100 mg/l Daphnia magna         |
| EC50 72h - Algae [1] | > 3 mg/l Desmodesmus subspicatus |
| NOEC (chronic)       | ≤ 0.01 mg/l Daphnia magna '21 d' |

### Reaction products of Benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|                      |                                    |
|----------------------|------------------------------------|
| LC50 - Fish [1]      | > 100 mg/l Danio rerio             |
| EC50 - Crustacea [1] | > 100 mg/l Daphnia magna           |
| EC50 72h - Algae [1] | > 100 mg/l Desmodesmus subspicatus |
| NOEC chronic algae   | > 10 mg/l Desmodesmus subspicatus  |

### Reaction product of alkylthioalcohol and substituted phosphorus compound

|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 1.5 mg/l                                 |
| EC50 72h - Algae [1] | 0.31 mg/l                                |
| LOEC (chronic)       | 0.35 mg/l Daphnia magna Duration: '21 d' |
| NOEC (chronic)       | 0.14 mg/l Daphnia magna Duration: '21 d' |

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| <b>Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)</b> |  |
|---|--|
| LC50 - Fish [1]   | 2.4 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 - Crustacea [1]  | 4.6 mg/l Daphnia magna                       |
| EC50 72h - Algae [1]  | 63 mg/l Desmodesmus subspicatus              |
| NOEC chronic algae  | 0.313 mg/l Desmodesmus subspicatus           |

### 12.2. Persistence and degradability

| <b>Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)</b> |                            |
|---|----------------------------|
| Persistence and degradability   | Not readily biodegradable. |
| Biodegradation  | 31 % 28 d OECD 301F        |

| <b>reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b> |                    |
|--|--------------------|
| Persistence and degradability  | Not biodegradable. |
| Biodegradation   | 1 % 28D            |

| <b>Reaction products of Benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)</b> |                            |
|---|----------------------------|
| Persistence and degradability   | Not readily biodegradable. |
| Biodegradation  | 0 %                        |

| <b>Reaction product of alkylthioalcohol and substituted phosphorus compound</b> |                       |
|---|-----------------------|
| Biodegradation  | 52.9 % 60 D OECD 301B |

| <b>Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)</b> |                            |
|---|----------------------------|
| Persistence and degradability   | Not readily biodegradable. |
| Biodegradation  | 9.6 %                      |

### 12.3. Bioaccumulative potential

| <b>Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)</b> |     |
|---|-----|
| Partition coefficient n-octanol/water (Log Kow)                                     | > 4 |

| <b>reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b> |  |
|--|--|
| Bioconcentration factor (BCF REACH)  | 260 35 D, Oncorhynchus mykiss (regenboogforel) |
| Partition coefficient n-octanol/water (Log Pow)  | 9.2  |

| <b>Reaction products of Benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)</b> |                            |
|---|----------------------------|
| Bioconcentration factor (BCF REACH)   | 1584.89                    |
| Partition coefficient n-octanol/water (Log Pow)   | > 7                        |
| Bioaccumulative potential   | Bioaccumulative potential. |

| <b>Reaction product of alkylthioalcohol and substituted phosphorus compound</b> |      |
|---|------|
| Partition coefficient n-octanol/water (Log Pow)                                 | 0.28 |

| <b>Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)</b> |                            |
|---|----------------------------|
| Bioconcentration factor (BCF REACH)   | 27.54                      |
| Partition coefficient n-octanol/water (Log Kow)   | 4.1                        |
| Bioaccumulative potential   | Bioaccumulative potential. |



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### 12.4. Mobility in soil

#### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|                |                        |
|----------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |
|----------------|------------------------|

#### Reaction products of Benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|                |                        |
|----------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |
|----------------|------------------------|

#### Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

|                |                        |
|----------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |
|----------------|------------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

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### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|        |   |
|--------|---|
| ADN    | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE    | Acute Toxicity Estimate   |
| BCF    | Bioconcentration factor   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |

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### Abbreviations and acronyms:

|         |  |
|---------|--|
| IMDG    | International Maritime Dangerous Goods                                       |
| LC50    | Median lethal concentration  |
| LD50    | Median lethal dose   |
| LOAEL   | Lowest Observed Adverse Effect Level   |
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level   |
| NOEC    | No-Observed Effect Concentration   |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit  |
| PBT     | Persistent Bioaccumulative Toxic   |
| PNEC    | Predicted No-Effect Concentration  |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet  |
| STP     | Sewage treatment plant   |
| ThOD    | Theoretical oxygen demand (ThOD)   |
| TLM     | Median Tolerance Limit   |
| VOC     | Volatile Organic Compounds   |
| CAS-No. | Chemical Abstract Service number   |
| N.O.S.  | Not Otherwise Specified  |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties  |

### Full text of H- and EUH-statements:

|                       |  |
|-----------------------|--|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4  |
| Aquatic Acute 1       | Hazardous to the aquatic environment — Acute Hazard, Category 1  |
| Aquatic Chronic 1     | Hazardous to the aquatic environment — Chronic Hazard, Category 1  |
| Aquatic Chronic 2     | Hazardous to the aquatic environment — Chronic Hazard, Category 2  |
| Aquatic Chronic 4     | Hazardous to the aquatic environment — Chronic Hazard, Category 4  |
| Asp. Tox. 1           | Aspiration hazard, Category 1  |
| EUH208                | Contains 2-octadecenylsuccinic anhydride, thiodiethanol esterification products. May produce an allergic reaction. |
| Eye Irrit. 2          | Serious eye damage/eye irritation, Category 2  |
| H304                  | May be fatal if swallowed and enters airways.  |
| H312                  | Harmful in contact with skin.  |
| H314                  | Causes severe skin burns and eye damage.   |
| H317                  | May cause an allergic skin reaction.   |
| H319                  | Causes serious eye irritation.   |
| 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.   |

# 73880 - ATF POWER MBF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| H412                                | Harmful to aquatic life with long lasting effects.      |
| H413                                | May cause long lasting harmful effects to aquatic life. |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B  |
| Skin Sens. 1                        | Skin sensitisation, Category 1                          |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.