

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
(This safety data sheet is for information only as it does not  
comply with the official language requirements of Article 31 (5)  
of REACH nor does it provide the national information in sections  
8 and 15 as specified in Annex II of REACH.)

### Anti Algae NF

Version number: 1.0

First version: 2025-04-10

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

##### 1.1 Product identifier

Trade name **Anti Algae NF**

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

Relevant identified uses  
Algicide for water treatment  
Swimming pool water treatment.  
Consumer uses

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

Melspring International B.V.  
Arnhemsestraatweg 8  
NL-6881 NG Velp  
Netherlands

Telephone: ++31 (0) 26 - 38420 - 00  
Telefax: ++31 (0) 26 - 38420 - 11

##### e-mail (competent person)

sdb@csb-compliance.com

Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact Melspring International B.V.

##### 1.4 Emergency telephone number

As above or nearest toxicological information centre.

#### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 (CLP)

| Classification |                                                       |          |                           |                  |
|----------------|-------------------------------------------------------|----------|---------------------------|------------------|
| Section        | Hazard class                                          | Category | Hazard class and category | Hazard statement |
| 3.1O           | acute toxicity (oral)                                 | 4        | Acute Tox. 4              | H302             |
| 4.1A           | hazardous to the aquatic environment - acute hazard   | 1        | Aquatic Acute 1           | H400             |
| 4.1C           | hazardous to the aquatic environment - chronic hazard | 1        | Aquatic Chronic 1         | H410             |

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For full text of abbreviations: see SECTION 16

## The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

## 2.2 Label elements

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

**Signal word** warning

### Pictograms

GHS07, GHS09



### Hazard statements

**H302** Harmful if swallowed.

**H410** Very toxic to aquatic life with long lasting effects.

### Precautionary statements

**P101** If medical advice is needed, have product container or label at hand.

**P102** Keep out of reach of children.

**P264** Wash thoroughly after handling.

**P270** Do not eat, drink or smoke when using this product.

**P273** Avoid release to the environment.

**P330** Rinse mouth.

**P391** Collect spillage.

**P501** Dispose of contents/container to an authorized waste treatment facility.

**Tactile warning of danger** yes

**Hazardous ingredients for labelling** polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer)

## 2.3 Other hazards

### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture).

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## 3.2 Mixtures

### Description of the mixture

| Hazardous ingredients                                                                                                                                |                   |           |                                                                           |                                                                                     |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
| Name of substance                                                                                                                                    | Identifier        | Wt%       | Classification acc. to GHS                                                | Pictograms                                                                          | Notes |
| polymer of N-Methyl-methanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer) | CAS No 25988-97-0 | 25 – < 50 | Acute Tox. 4 / H302<br>Aquatic Acute 1 / H400<br>Aquatic Chronic 1 / H410 |  | -     |

| Name of substance                                                                                                                                    | Specific Conc. Limits | M-Factors                                      | ATE       | Exposure route |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------|-----------|----------------|
| polymer of N-Methyl-methanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer) | -                     | M-factor (acute) = 1<br>M-factor (chronic) = 1 | 500 mg/kg | oral           |

### Remarks

For full text of H-phrases: see SECTION 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Self-protection of the first aider.

Remove affected person from the danger area and lay down.

Do not leave affected person unattended.

Take off immediately all contaminated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

#### Following inhalation

Provide fresh air.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

#### Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Get medical advice/attention.

**Following eye contact**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Following ingestion**

Rinse mouth. Do not induce vomiting.

Call a physician immediately.

**Notes for the doctor**

None.

**4.2 Most important symptoms and effects, both acute and delayed**

This information is not available.

**4.3 Indication of any immediate medical attention and special treatment needed**

None.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing media**

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

water jet

**5.2 Special hazards arising from the substance or mixture**

Combustible.

Hazardous decomposition products: Section 10.

**Hazardous combustion products**

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), hydrogen chloride (HCl)

**5.3 Advice for firefighters**

Keep containers cool with water spray.

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

**Special protective equipment for firefighters**

chemical protective clothing, Wear self-contained breathing apparatus

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Eliminate all ignition sources if safe to do so.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

If substance has entered a water course or sewer, inform the responsible authority.

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

#### Advice on how to contain a spill

Bunding.

Covering of drains.

#### Advice on how to clean up a spill

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

#### Appropriate containment techniques

Use of adsorbent materials.

#### Other information relating to spills and releases

Place in appropriate containers for disposal.

Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

#### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

## Measures to protect the environment

Avoid release to the environment.

Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point.

## Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

## 7.2 Conditions for safe storage, including any incompatibilities

### Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Incompatible substances or mixtures

Incompatible materials: see section 10.

### Protect against external exposure, such as

heat, frost, humidity

### Consideration of other advice

Keep away from food, drink and animal feedingstuffs.

### Ventilation requirements

Provision of sufficient ventilation.

### Specific designs for storage rooms or vessels

Keep container tightly closed and in a well-ventilated place.

Keep cool.

Store in a dry place.

### Storage temperature

recommended storage temperature: 10 - 30 °C

### Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values (Workplace Exposure Limits)

This information is not available.

### 8.2 Exposure controls

#### Appropriate engineering controls

Use local and general ventilation.

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## Individual protection measures (personal protective equipment)

### Eye/face protection

Wear eye/face protection. (EN 166)

### Hand protection

| Protective gloves                   |                    |                                          |
|-------------------------------------|--------------------|------------------------------------------|
| Material                            | Material thickness | Breakthrough times of the glove material |
| NBR: acrylonitrile-butadiene rubber | -                  | >480 minutes (permeation: level 6)       |

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Body protection

Protective clothing against liquid chemicals.

(EN 13832, EN 340, EN 13034, EN 14605).

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

P3, (EN 136, EN 140, EN 14387, EN 143, EN 149).

### Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                                          |                                                           |
|----------------------------------------------------------|-----------------------------------------------------------|
| Physical state                                           | liquid                                                    |
| Colour                                                   | clear                                                     |
| Odour                                                    | weak, characteristic                                      |
| Melting point/freezing point                             | <-5 °C                                                    |
| Boiling point or initial boiling point and boiling range | 100 °C                                                    |
| Flammability                                             | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit                          | not determined                                            |
| Flash point                                              | not determined<br>(constituents: not applicable)          |
| Auto-ignition temperature                                | not determined                                            |

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|                                                           |                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------|
|                                                           | (constituents: not applicable)                                 |
| <b>Decomposition temperature</b>                          | not relevant                                                   |
| <b>pH (value)</b>                                         | 5.7 – 6.2                                                      |
| <b>Kinematic viscosity</b>                                | not determined                                                 |
| <b>Dynamic viscosity</b>                                  | not determined                                                 |
| <b>Solubility(ies)</b>                                    |                                                                |
| Water solubility                                          | miscible in any proportion                                     |
| <b>Partition coefficient n-octanol/water (log value)</b>  | not determined                                                 |
| <b>Vapour pressure</b>                                    | not determined                                                 |
| <b>Density and/or relative density</b>                    |                                                                |
| Density                                                   | 1.03 g/cm <sup>3</sup> at 20 °C                                |
| Relative vapour density                                   | information on this property is not available                  |
| <b>Particle characteristics</b>                           | not relevant<br>(liquid)                                       |
| <b>9.2 Other information</b>                              |                                                                |
| <b>Information with regard to physical hazard classes</b> | hazard classes acc. to GHS (physical hazards):<br>not relevant |
| <b>Other safety characteristics</b>                       | there is no additional information                             |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Protect from moisture.

Impurities.

### 10.5 Incompatible materials

oxidisers

**10.6 Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

Hazardous combustion products: see section 5.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Classification procedure**

If not otherwise specified the classification is based on:

Ingredients of the mixture (additivity formula).

**Classification according to GHS (1272/2008/EC, CLP)****Acute toxicity**

Harmful if swallowed.

**Acute toxicity estimate (ATE)**

Oral 2,000 mg/kg

**Acute toxicity of components**

| Acute toxicity estimate (ATE) of components                                                                                                         |            |                |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-----------|
| Name of substance                                                                                                                                   | CAS No     | Exposure route | ATE       |
| polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer) | 25988-97-0 | oral           | 500 mg/kg |

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant.

**Respiratory or skin sensitisation****Skin sensitisation**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Respiratory sensitisation**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Germ cell mutagenicity**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Carcinogenicity**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Reproductive toxicity**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Specific target organ toxicity - single exposure**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Specific target organ toxicity - repeated exposure**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**11.2 Information on other hazards****Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity (acute)**

Very toxic to aquatic organisms.

**Aquatic toxicity (chronic)**

Very toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability****Biodegradation**

No data available.

**Persistence**

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**

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

**12.6 Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

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## 12.7 Other adverse effects

Data are not available.

### Remarks

Wassergefährdungsklasse, WGK (water hazard class): 3.

Keep away from drains, surface and ground water.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID/ADN UN3082

IMDG-Code UN3082

ICAO-TI UN3082

### 14.2 UN proper shipping name

ADR/RID/ADN ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

IMDG-Code ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

ICAO-TI Environmentally hazardous substance, liquid, n.o.s.

Technical name (hazardous ingredients) polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer)

### 14.3 Transport hazard class(es)

ADR/RID/ADN 9

IMDG-Code 9

ICAO-TI 9

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## 14.4 Packing group

|             |     |
|-------------|-----|
| ADR/RID/ADN | III |
| IMDG-Code   | III |
| ICAO-TI     | III |

## 14.5 Environmental hazards

hazardous to the aquatic environment

**Environmentally hazardous substance (aquatic environment)** polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer)

## 14.6 Special precautions for user

-

## 14.7 Maritime transport in bulk according to IMO instruments

-

## 14.8 Information for each of the UN Model Regulations

### Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information

Particulars in the transport document UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer)), 9, III, (-)

Classification code M6

Danger label(s) 9, fish and tree



Environmental hazards yes  
(hazardous to the aquatic environment)

Special provisions (SP) 274, 335, 375, 601, 650

Excepted quantities (EQ) E1

Limited quantities (LQ) 5 L

Transport category (TC) 3

Tunnel restriction code (TRC) -

Hazard identification No 90

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## European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) Additional information

Number of cones/blue lights 0

## International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant yes  
(hazardous to the aquatic environment)  
(polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer))

Danger label(s) 9, fish and tree



Special provisions (SP) 274, 335, 375, 969

Excepted quantities (EQ) E1

Limited quantities (LQ) 5 L

EmS F-A, S-F

Stowage category A

## International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Environmental hazards yes  
(hazardous to the aquatic environment)

Danger label(s) 9, fish and tree



Special provisions (SP) A97, A158, A197, A215

Excepted quantities (EQ) E1

Limited quantities (LQ) 30 kg

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

#### Restrictions according to REACH, Annex XVII

| Name          | Name acc. to inventory                    | CAS No | Restriction |
|---------------|-------------------------------------------|--------|-------------|
| Anti Algae NF | this product meets the criteria for clas- | -      | R3          |

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| Name | Name acc. to inventory                                   | CAS No | Restriction |
|------|----------------------------------------------------------|--------|-------------|
|      | sification in accordance with Regulation No 1272/2008/EC |        |             |

## Legend

- R3
1. Shall not be used in:
    - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
    - tricks and jokes,
    - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
  2. Articles not complying with paragraph 1 shall not be placed on the market.
  3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
    - can be used as fuel in decorative oil lamps for supply to the general public, and
    - present an aspiration hazard and are labelled with H304.
  4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
  5. Without prejudice to the implementation of other Union provisions relating to the classification, labelling and packaging of substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
    - (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil – or even sucking the wick of lamps – may lead to life-threatening lung damage";
    - (b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter fluid may lead to life threatening lung damage';
    - (c) lamps oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.;

## List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

## Seveso Directive

| 2012/18/EU (Seveso III) |                                                                      |                                                                                       |       |
|-------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|
| No                      | Dangerous substance/hazard categories                                | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | Notes |
| E1                      | environmental hazards (hazardous to the aquatic environment, cat. 1) | 100                      200                                                          | 56)   |

## Notation

56)    hazardous to the Aquatic Environment in category Acute 1 or Chronic 1

## Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

## Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

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## Regulation on drug precursors

None of the ingredients are listed.

## Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

## Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

## Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Abbreviations and acronyms

| Abbr.           | Descriptions of used abbreviations                                                                                                                                                                                    |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.      | Acute toxicity                                                                                                                                                                                                        |
| ADN             | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR             | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)                                                         |
| ADR/RID/ADN     | Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)                                                                                                       |
| Aquatic Acute   | Hazardous to the aquatic environment - acute hazard                                                                                                                                                                   |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard                                                                                                                                                                 |
| ATE             | Acute Toxicity Estimate                                                                                                                                                                                               |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)                                                                                                                |
| CLP             | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                                                                                                                    |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)                                                                                                                                                                            |
| EC No           | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)                                     |
| ED              | Endocrine disruptor                                                                                                                                                                                                   |
| EINECS          | European Inventory of Existing Commercial Chemical Substances                                                                                                                                                         |
| ELINCS          | European List of Notified Chemical Substances                                                                                                                                                                         |
| EmS             | Emergency Schedule                                                                                                                                                                                                    |
| GHS             | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations                                                                                                             |

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| Abbr.     | Descriptions of used abbreviations                                                                                                                                                                                                                                                       |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IATA      | International Air Transport Association                                                                                                                                                                                                                                                  |
| IATA/DGR  | Dangerous Goods Regulations (DGR) for the air transport (IATA)                                                                                                                                                                                                                           |
| ICAO      | International Civil Aviation Organization                                                                                                                                                                                                                                                |
| ICAO-TI   | Technical instructions for the safe transport of dangerous goods by air                                                                                                                                                                                                                  |
| IMDG      | International Maritime Dangerous Goods Code                                                                                                                                                                                                                                              |
| IMDG-Code | International Maritime Dangerous Goods Code                                                                                                                                                                                                                                              |
| index No  | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008                                                                                                                                                                 |
| M-factor  | Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present |
| NLP       | No-Longer Polymer                                                                                                                                                                                                                                                                        |
| PBT       | Persistent, Bioaccumulative and Toxic                                                                                                                                                                                                                                                    |
| REACH     | Registration, Evaluation, Authorisation and Restriction of Chemicals                                                                                                                                                                                                                     |
| RID       | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)                                                                                                                  |
| SVHC      | Substance of Very High Concern                                                                                                                                                                                                                                                           |
| vPvB      | Very Persistent and very Bioaccumulative                                                                                                                                                                                                                                                 |

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                                                  |
|------|-------------------------------------------------------|
| H302 | Harmful if swallowed.                                 |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |

# Anti Algae NF

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## Responsible for the safety data sheet

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## Disclaimer

This information is based upon the present state of our knowledge.  
This SDS has been compiled and is solely intended for this product.