

Nitrate Profi Test

Safety Data Sheet

: acids

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Date of issue: 29-8-2017 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : NO3-1 - 10 ml

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

1.2.1. Relevant identified uses

Intended for general public

Type of product

Main use category : Consumer use
Use of the substance/mixture : Test kit for aquarium

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Salifert Europe bv 6921 RW - The Netherlands T + 31 26 3831980

info@salifert.com - www.salifert.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Remark |
|----------------|---|---|------------------|--|
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Security closing plug for children : Not applicable Tactile warning : Not applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

29-8-2017 EN (English) 1/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

| Name | Product identifier | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179 |
|-------------|--|------------------|--|
| Citric acid | (CAS-No.) 77-92-9 (EC-No.) 201-069-1 (REACH-no) 01-2119457026-42 | < 10 | Eye Irrit. 2, H319 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

advice/attentic

First-aid measures after skin contact

: Remove contaminated clothes. Wash skin with plenty of water. If skin irritation or rash occurs:

Get medical advice/attention.

First-aid measures after eye contact

: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness

persists

First-aid measures after ingestion

Rinse mouth. Do not induce vomiting without medical advice. Get medical advice/attention if you feel unwell.

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

Symptoms/effects

: Not expected to present a significant hazard under anticipated conditions of normal use.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Presents no particular fire or explosion hazard.

Hazardous decomposition products in case of

fire

: For further information, refer to section 10 : "Stability and Reactivity".

5.3. Advice for firefighters

Firefighting instructions

: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting

: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment

: Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take

: Take up liquid spill into absorbent material. Sweep or shovel spills into appropriate container for

disposal.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

29-8-2017 EN (English) 2/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Concerning personal protective equipment to use, see item 8. Provide good ventilation in

process area to prevent formation of vapour.

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 : Keep only in the original container in a cool well ventilated place. Keep container closed when

not in use.

Incompatible products : Strong bases. Strong oxidation agent.

Incompatible materials : Metals.

Heat and ignition sources : Keep away from heat and direct sunlight

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Safety glasses.

Hand protection:

None under normal use

Eve protection:

Safety glasses. DIN EN 166

| Туре | Use | Characterizations | Standard |
|----------------|---------|-------------------|----------|
| Safety glasses | Droplet | | EN 166 |

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143



Environmental exposure controls:

Avoid release to the environment

Other information:

Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless.
Odour : Odourless.
Odour threshold : No data available

pH : 4 - 4,5

29-8-2017 EN (English) 3/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : > 100 °C

Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : No data available : No data available Vapour pressure Relative vapour density at 20 °C : No data available Relative density No data available Density : No data available

Solubility : Water: completely soluble
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available

Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong bases. Strong oxidation agent. Metals.

10.6. Hazardous decomposition products

None under normal conditions.

Citric acid (77-92-9)

Reproductive toxicity

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

| LD50 oral rat | 3000 mg/kg |
|---------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
| | pH: 4 - 4,5 |

Serious eye damage/irritation : Not classified pH: 4 - 4,5

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

STOT-single exposure : Not classified STOT-repeated exposure : Not classified

29-8-2017 EN (English) 4/13

: Not classified

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified

|--|

| LC50 fishes 1 | 440 - 760 mg/l Leuciscus idus (golden orfe) |
|----------------|---|
| EC50 Daphnia 1 | ≈ 120 mg/l Daphnia magna (72h) |

12.2. Persistence and degradability

| Citric | acid | -1 | Nº/ |
|--------|------|----|-----|
| | | | |

Persistence and degradability Not established.

12.3. Bioaccumulative potential

Citric acid <10%

Bioaccumulative potential Not established

Citric acid (77-92-9)

Log Pow -1,64

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Citric acid <10%

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local

regulation.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID | | |
|--|-----------------|---------------|---------------|---------------|--|--|
| 14.1. UN number | 14.1. UN number | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | | |
| 14.2. UN proper shippi | ng name | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | | |
| 14.3. Transport hazard | class(es) | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | | |
| 14.4. Packing group | | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | | |
| 14.5. Environmental hazards | | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | | |
| No supplementary information available | | | | | | |

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

29-8-2017 EN (English) 5/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

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:

| SDS | Safety Data Sheet |
|-------|---|
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| PBT | Persistent Bioaccumulative Toxic |
| vPvB | Very Persistent and Very Bioaccumulative |
| 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 |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| CAS | CAS (Chemical Abstracts Service) number |
| | EG-nr.: EINECS- en ELINCS-number |
| | EINECS: European Inventory of Existing Commercial Substances |
| | OEL: Occupational Exposure Limit |
| | |

Data sources

: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information

: REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 | |
|--------------|---|--|
| H319 | Causes serious eye irritation | |

29-8-2017 EN (English) 6/13

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Safety Data Sheet applicable for regions : GB - United Kingdom

This Safety Data Sheet is compiled by :

Trade Wind B.V. (info@twnl.nl)

SDS EU (REACH Annex II)

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

29-8-2017 EN (English) 7/13



Nitrate Profi-Test

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

Date of issue: 29-8-2017 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : NO3-2 - 5 ml

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use
Use of the substance/mixture : Test kit for aquarium

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Salifert Europe by

Ratio 35

6921 RW - The Netherlands

T + 31 26 3831980

info@salifert.com - www.salifert.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Remark |
|----------------|---|---|------------------|---|
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Security closing plug for children : Not applicable Tactile warning : Not applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

29-8-2017 EN (English) 8/13

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

advice/attention if you feel unwell.

First-aid measures after skin contact Remove contaminated clothes. Wash skin with plenty of water. If skin irritation or rash occurs:

Get medical advice/attention.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness

First-aid measures after ingestion Rinse mouth. Do not induce vomiting without medical advice. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

: Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/effects

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Special hazards arising from the substance or mixture

Fire hazard : Presents no particular fire or explosion hazard.

: For further information, refer to section 10 : "Stability and Reactivity". Hazardous decomposition products in case of

5.3. **Advice for firefighters**

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures 6.1.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure

controls/personal protection".

: Ventilate area. **Emergency procedures**

6.2. **Environmental precautions**

Do not allow to enter drains or water courses.

Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Sweep or shovel spills into appropriate container for

disposal.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Concerning personal protective equipment to use, see item 8. Provide good ventilation in

process area to prevent formation of vapour.

: Do not eat, drink or smoke when using this product. Always wash hands after handling the Hygiene measures

29-8-2017 EN (English) 9/13

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when

not in use.

Incompatible products : Strong bases. Strong acids. Strong oxidation agent.

Heat and ignition sources : Keep away from heat and direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

None under normal use

Eye protection:

None under normal use

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Powder
Colour : Colourless / grey

Odour : No data available Odour threshold : No data available No data availabel Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available : No data available Freezing point Boiling point : No data available Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : No data available Vapour pressure : No data available Relative vapour density at 20 °C : No data available

Relative density : 0.9 – 1 g/cm3

Solubility : Completely soluble in water

Log Pow : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available

29-8-2017 EN (English) 10/13

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

Oxidising properties : No data available Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidation agent.

10.6. Hazardous decomposition products

Combustion generates: Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified 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 STOT-repeated exposure : Not classified Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified

12.2. Persistence and degradability

Persistence and degradability Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

29-8-2017 EN (English) 11/13

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local

regulation.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID | |
|--|---|---------------|---------------|---------------|--|
| 14.1. UN number | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | |
| 14.2. UN proper shippi | ng name | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | |
| 14.3. Transport hazard | class(es) | | | | |
| Not regulated | Not regulated Not regulated Not regulated Not regulated Not regulated | | | | |
| 14.4. Packing group | 14.4. Packing group | | | | |
| Not regulated | | | | | |
| 14.5. Environmental hazards | | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | |
| No supplementary information available | | | | | |

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

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

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

29-8-2017 EN (English) 12/13

Product Safety Information Sheet

A safety data sheet is not required for this reagent under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

| Abbrevia | tions | and | acrony | ms: |
|----------|-------|-----|--------|-----|
| | | | | |

| | · · · · · · · · · · · · · · · · · · · | | |
|-------|---|--|--|
| SDS | Safety Data Sheet | | |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 | | |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 | | |
| PBT | Persistent Bioaccumulative Toxic | | |
| vPvB | Very Persistent and Very Bioaccumulative | | |
| 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 | | |
| IATA | International Air Transport Association | | |
| IMDG | International Maritime Dangerous Goods | | |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail | | |
| LC50 | Median lethal concentration | | |
| LD50 | Median lethal dose | | |
| CAS | CAS (Chemical Abstracts Service) number | | |
| | EG-nr.: EINECS- en ELINCS-number | | |
| | EINECS: European Inventory of Existing Commercial Substances | | |
| | OEL: Occupational Exposure Limit | | |
| | | | |

Data sources

: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information

: REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Safety Data Sheet applicable for regions

: GB - United Kingdom

This Safety Data Sheet is compiled by :

Trade Wind B.V. (info@twnl.nl)

SDS EU (REACH Annex II)

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

29-8-2017 EN (English) 13/13