

# EU safety data sheet

**Trade name:** Advanshield NBPT

**Product no.:** Essential

**Current version :** 2.0.0, issued: 05.09.2023

**Replaced version:** 1.0.0, issued: 04.09.2023

**Region:**  
GER

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

### 1.1 Product identifier

**Trade name**

**Advanshield NBPT**

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

**Relevant identified uses of the substance or mixture**

fertiliser additive

**Uses advised against**

No data available.

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

**Address**

Brineflow Limited  
south Denes Road  
Great Yarmouth  
Norfolk

**Advice on Safety Data Sheet**

info@nitrasol.co.uk

### 1.4 Emergency telephone number

0800 764 766 National Poisons Centre

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Eye Dam. 1; H318

Repr. 2; H361

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

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

**Hazard pictograms**



GHS05



GHS08

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

N-(n-butyl)-thiophosphoric triamide

**Hazard statement(s)**

H318

Causes serious eye damage.

H361

Suspected of damaging fertility or the unborn child.

**Precautionary statement(s)**

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P310 Immediately call a POISON CENTER/doctor.  
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

## 2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

PBT assessment

The product is not considered to be a PBT.

vPvB assessment

The product is not considered to be a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Hazardous ingredients

| No | Substance name                                   | Additional information              |                        |
|----|--------------------------------------------------|-------------------------------------|------------------------|
|    | CAS / EC / Index / REACH no                      | Classification (EC) 1272/2008 (CLP) | Concentration          |
|    |                                                  |                                     | %                      |
| 1  | N-(n-butyl)-thiophosphoric triamide              |                                     |                        |
|    | 94317-64-3<br>435-740-7<br>-<br>01-2119958968-10 | Eye Dam. 1; H318<br>Repr. 2; H361f  | >= 10,00 - < 25,00 wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. Seek medical advice immediately.

#### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

#### After skin contact

Wash immediately with plenty of water for several minutes. Seek medical attention.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

#### After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

## SECTION 5: Firefighting measures

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## 5.1 Extinguishing media

### Suitable extinguishing media

Water spray jet; Alcohol-resistant foam; Dry chemical extinguisher; Carbon dioxide

### Unsuitable extinguishing media

High power water jet

## 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon oxides (COx); Zinc oxides; Phosphorus oxides; Nitrogen oxides (NOx); chlorine compounds

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Run-off water from fire fighting must not be discharged into drains or enter surface water.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

#### For emergency responders

Personal protective equipment (PPE) - see section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

### 6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

#### Advice on protection against fire and explosion

Keep away from ignition sources and provide for good ventilation.

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

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Store only at temperature of 40°C maximum (=104°F). Do not store at temperatures below -5 °C. Protect from direct sunlight.

#### Recommended storage temperature

|       |   |   |    |    |
|-------|---|---|----|----|
| Value | 0 | - | 35 | °C |
|-------|---|---|----|----|

#### Storage stability

|       |    |        |
|-------|----|--------|
| Value | 12 | months |
|-------|----|--------|

|          |                                                                                                                                            |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Comments | Changes in the properties of the product may occur if product is stored above or below indicated temperature for extended periods of time. |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|

#### Requirements for storage rooms and vessels

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Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

## Incompatible products

Substances to be avoided, see section 10.

## Stoarge Class according TRGS 510

10-13 Combustible and Non-combustible liquids and solids that cannot be assigned to storage class 1-8.

## 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### DNEL, DMEL and PNEC values

##### DNEL values (worker)

| No | Substance name                      |                     |          | CAS / EC no             |                   |
|----|-------------------------------------|---------------------|----------|-------------------------|-------------------|
|    | Route of exposure                   | Exposure time       | Effect   | Value                   |                   |
| 1  | N-(n-butyl)-thiophosphoric triamide |                     |          | 94317-64-3<br>435-740-7 |                   |
|    | dermal                              | Long term (chronic) | systemic | 0,12                    | mg/kg bw/day      |
|    | inhalative                          | Long term (chronic) | systemic | 0,63                    | mg/m <sup>3</sup> |

##### DNEL value (consumer)

| No | Substance name                      |                     |          | CAS / EC no             |                   |
|----|-------------------------------------|---------------------|----------|-------------------------|-------------------|
|    | Route of exposure                   | Exposure time       | Effect   | Value                   |                   |
| 1  | N-(n-butyl)-thiophosphoric triamide |                     |          | 94317-64-3<br>435-740-7 |                   |
|    | oral                                | Long term (chronic) | systemic | 0,06                    | mg/kg bw/day      |
|    | dermal                              | Long term (chronic) | systemic | 0,06                    | mg/kg bw/day      |
|    | inhalative                          | Long term (chronic) | systemic | 0,155                   | mg/m <sup>3</sup> |

##### PNEC values

| No | Substance name                      |                       | CAS / EC no             |                  |
|----|-------------------------------------|-----------------------|-------------------------|------------------|
|    | ecological compartment              | Type                  | Value                   |                  |
| 1  | N-(n-butyl)-thiophosphoric triamide |                       | 94317-64-3<br>435-740-7 |                  |
|    | water                               | fresh water           | 0,28                    | mg/L             |
|    | water                               | marine water          | 0,028                   | mg/L             |
|    | water                               | fresh water sediment  | 1,51                    | mg/kg dry weight |
|    | water                               | marine water sediment | 0,151                   | mg/kg dry weight |
|    | soil                                | -                     | 0,94                    | mg/kg dry weight |
|    | sewage treatment plant              | -                     | 8,8                     | mg/L             |

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respiratory filter (gas) : P1

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Respiratory filter (part): P3

## Eye / face protection

Tightly fitting safety glasses (EN 166).

## Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

## Other

Chemical-resistant work clothes.

## Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### State of aggregation

liquid

#### Colour

varies depending on the composition.

#### Odour

weak

#### pH value

|        |              |
|--------|--------------|
| Value  | 6,2          |
| Source | manufacturer |

#### Boiling point / boiling range

No data available

#### Melting point/freezing point

No data available

#### Decomposition temperature

No data available

#### Flash point

No data available

#### Ignition temperature

No data available

#### Flammability

No data available

#### Lower explosion limit

No data available

#### Upper explosion limit

No data available

#### Vapour pressure

No data available

#### Relative vapour density

No data available

#### Relative density

No data available

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| Density           |
|-------------------|
| No data available |

| Solubility in water |                |
|---------------------|----------------|
| Source              | manufacturer   |
| Comments            | partly soluble |

| Solubility        |
|-------------------|
| No data available |

| Partition coefficient n-octanol/water (log value) |                                     |                       |           |
|---------------------------------------------------|-------------------------------------|-----------------------|-----------|
| No                                                | Substance name                      | CAS no.               | EC no.    |
| 1                                                 | N-(n-butyl)-thiophosphoric triamide | 94317-64-3            | 435-740-7 |
| log Pow                                           |                                     | 0,444                 |           |
| Reference temperature                             |                                     | 20                    | °C        |
| with reference to                                 |                                     | pH: >= 7,04 - <= 7,06 |           |
| Method                                            |                                     | OECD 107              |           |
| Source                                            |                                     | ECHA                  |           |

| Kinematic viscosity |
|---------------------|
| No data available   |

| Particle characteristics |
|--------------------------|
| No data available        |

## 9.2 Other information

| Other information  |
|--------------------|
| No data available. |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

### 10.4 Conditions to avoid

Heat; Moisture.

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

## SECTION 11: Toxicological information

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

| Acute oral toxicity       |                                     |                                                                   |                  |
|---------------------------|-------------------------------------|-------------------------------------------------------------------|------------------|
| No                        | Substance name                      | CAS no.                                                           | EC no.           |
| 1                         | N-(n-butyl)-thiophosphoric triamide | 94317-64-3                                                        | 435-740-7        |
| LD50                      |                                     | 2603                                                              | mg/kg bodyweight |
| Species                   |                                     | rat                                                               |                  |
| Method                    |                                     | OECD 401                                                          |                  |
| Source                    |                                     | ECHA                                                              |                  |
| Evaluation/classification |                                     | Based on available data, the classification criteria are not met. |                  |
| Acute dermal toxicity     |                                     |                                                                   |                  |
| No                        | Substance name                      | CAS no.                                                           | EC no.           |

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| 1                         | N-(n-butyl)-thiophosphoric triamide                               | 94317-64-3 | 435-740-7        |
|---------------------------|-------------------------------------------------------------------|------------|------------------|
| LD50                      | >                                                                 | 2000       | mg/kg bodyweight |
| Species                   | rabbit                                                            |            |                  |
| Method                    | OECD 402                                                          |            |                  |
| Source                    | ECHA                                                              |            |                  |
| Evaluation/classification | Based on available data, the classification criteria are not met. |            |                  |

## Acute inhalational toxicity

No data available

## Skin corrosion/irritation

| No         | Substance name                      | CAS no.    | EC no.    |
|------------|-------------------------------------|------------|-----------|
| 1          | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| Method     | OECD 404                            |            |           |
| Source     | ECHA                                |            |           |
| Evaluation | non-irritant                        |            |           |

## Serious eye damage/irritation

| No                   | Substance name                      | CAS no.    | EC no.    |
|----------------------|-------------------------------------|------------|-----------|
| 1                    | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| Duration of exposure | 72                                  |            | h         |
| Species              | rabbit                              |            |           |
| Method               | OECD 405                            |            |           |
| Source               | ECHA                                |            |           |
| Evaluation           | corrosive                           |            |           |

## Respiratory or skin sensitisation

| No                        | Substance name                                                    | CAS no.    | EC no.    |
|---------------------------|-------------------------------------------------------------------|------------|-----------|
| 1                         | N-(n-butyl)-thiophosphoric triamide                               | 94317-64-3 | 435-740-7 |
| Route of exposure         | Skin                                                              |            |           |
| Source                    | ECHA                                                              |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |            |           |

## Germ cell mutagenicity

| No                        | Substance name                                                    | CAS no.    | EC no.    |
|---------------------------|-------------------------------------------------------------------|------------|-----------|
| 1                         | N-(n-butyl)-thiophosphoric triamide                               | 94317-64-3 | 435-740-7 |
| Method                    | OECD 471                                                          |            |           |
| Source                    | ECHA                                                              |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |            |           |

## Reproduction toxicity

No data available

## Carcinogenicity

No data available

## STOT - single exposure

No data available

## STOT - repeated exposure

| No                        | Substance name                                                    | CAS no.    | EC no.    |
|---------------------------|-------------------------------------------------------------------|------------|-----------|
| 1                         | N-(n-butyl)-thiophosphoric triamide                               | 94317-64-3 | 435-740-7 |
| Method                    | OECD 408                                                          |            |           |
| Source                    | ECHA                                                              |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |            |           |

## Aspiration hazard

No data available

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

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No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Toxicity to fish (acute) |                                     |            |           |
|--------------------------|-------------------------------------|------------|-----------|
| No                       | Substance name                      | CAS no.    | EC no.    |
| 1                        | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| LC50                     |                                     | 1140       | mg/l      |
| Duration of exposure     |                                     | 96         | h         |
| Species                  | Lepomis macrochirus                 |            |           |
| Method                   | EPA OPPTS 850.1075                  |            |           |
| Source                   | ECHA                                |            |           |

| Toxicity to fish (chronic) |  |  |  |
|----------------------------|--|--|--|
| No data available          |  |  |  |

| Toxicity to Daphnia (acute) |                                     |            |           |
|-----------------------------|-------------------------------------|------------|-----------|
| No                          | Substance name                      | CAS no.    | EC no.    |
| 1                           | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| EC50                        |                                     | appr.      | 290       |
| Duration of exposure        |                                     | 48         | mg/l      |
| Species                     | Daphnia magna                       |            |           |
| Method                      | OECD 202                            |            |           |
| Source                      | ECHA                                |            |           |

| Toxicity to Daphnia (chronic) |  |  |  |
|-------------------------------|--|--|--|
| No data available             |  |  |  |

| Toxicity to algae (acute) |                                     |            |           |
|---------------------------|-------------------------------------|------------|-----------|
| No                        | Substance name                      | CAS no.    | EC no.    |
| 1                         | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| EC50                      |                                     | 530        | mg/l      |
| Duration of exposure      |                                     | 72         | h         |
| Species                   | Algae                               |            |           |
| Method                    | OECD 201                            |            |           |
| Source                    | ECHA                                |            |           |

| Toxicity to algae (chronic) |  |  |  |
|-----------------------------|--|--|--|
| No data available           |  |  |  |

| Bacteria toxicity |  |  |  |
|-------------------|--|--|--|
| No data available |  |  |  |

### 12.2 Persistence and degradability

| Biodegradability |                                     |            |           |
|------------------|-------------------------------------|------------|-----------|
| No               | Substance name                      | CAS no.    | EC no.    |
| 1                | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| Type             | aerobic biodegradation              |            |           |
| Value            |                                     | 9,51       | %         |
| Duration         |                                     | 28         | day(s)    |
| Method           | EPA OTS 796.3260                    |            |           |
| Source           | ECHA                                |            |           |
| Evaluation       | not readily biodegradable           |            |           |

### 12.3 Bioaccumulative potential

| Partition coefficient n-octanol/water (log value) |                                     |            |           |
|---------------------------------------------------|-------------------------------------|------------|-----------|
| No                                                | Substance name                      | CAS no.    | EC no.    |
| 1                                                 | N-(n-butyl)-thiophosphoric triamide | 94317-64-3 | 435-740-7 |
| log Pow                                           |                                     | 0,444      |           |
| Reference temperature                             |                                     | 20         | °C        |
| with reference to                                 | pH: >= 7,04 - <= 7,06               |            |           |



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|        |          |
|--------|----------|
| Method | OECD 107 |
| Source | ECHA     |

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment |                                             |
|------------------------------------|---------------------------------------------|
| PBT assessment                     | The product is not considered to be a PBT.  |
| vPvB assessment                    | The product is not considered to be a vPvB. |

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 Other information

| Other information                                          |
|------------------------------------------------------------|
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

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

Not relevant

## SECTION 15: Regulatory information

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

#### EU regulations

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## Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

## REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

## Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

|                                                                                        |      |
|----------------------------------------------------------------------------------------|------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | No 3 |
|----------------------------------------------------------------------------------------|------|

## Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

## Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

## National regulations

### Water Hazard Class (Germany)

Class

1

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

### Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H361f Suspected of damaging fertility.

### Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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