

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****LATITUDE****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Plant protection product for professional use. Agriculture.

Seed Treatment

Fungicide

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

Certis Belchim B.V. (EU)

Stadsplateau 16

3521 AZ Utrecht - Nederland

Telephone no. 0031 (0)30 200 1200

Fax no. 0031 (0)30 310 0241

e-mail info@certisbelchim.com

**Advice on Safety Data Sheet**

www.certisbelchim.com

**Identification of the supplier****Address**

Certis Belchim B.V. - United Kingdom

Suite 5, 3 Riverside, Granta Park - Great Abington

Cambridgeshire CB21 6AD

United Kingdom

Telephone no. 0044 (0) 1223 652500

Fax no. 0044 (0)1223 891210

e-mail info.uk@certisbelchim.com - www.certisbelchim.co.uk

**1.4 Emergency telephone number**

Carechem 24 EU: +44 1235 239670

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 3; H412

STOT RE 2; H373

**Classification information**

Classification and labelling are based on toxicological studies performed on the product (mixture).

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**

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

GHS08

**Signal word**

Warning

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

N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide

**Hazard statement(s)**

H373 May cause damage to organs through prolonged or repeated exposure  
 H412 Harmful to aquatic life with long lasting effects.

**Hazard statements (EU)**

EUH208 Contains methenamine 3-chloroallylochloride, 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1). May produce an allergic reaction.  
 EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**Precautionary statement(s)**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P314 Get medical advice/attention if you feel unwell.  
 P501 Dispose of contents/container in accordance national regulations.

**Supplemental label elements**

UFI: J699-E0S5-200G-PU7T

**2.3 Other hazards**

No data available.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Chemical characterization**

Silthiofam 125g/l (FS)

**Hazardous ingredients**

| No | Substance name   |   | Additional information |     |
|----|--|---|------------------------|-----|
|    | CAS / EC / Index / REACH no  | Classification (EC) 1272/2008 (CLP)           | Concentration          | %   |
| 1  | <b>N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide</b>  |   |                        |     |
|    | 175217-20-6<br>605-752-9<br>616-233-00-1<br>-  | STOT RE 2; H373<br>Aquatic Chronic 2; H411    | >= 10.00 - < 25.00     | wt% |
| 2  | <b>Sulfonated aromatic polymer, sodium salt</b>  |   |                        |     |
|    | -<br>-<br>-  | Eye Irrit. 2; H319<br>Aquatic Chronic 3; H412 | < 5.00                 | wt% |
| 3  | <b>White mineral oil (petroleum)</b>   |   |                        |     |
|    | 8042-47-5<br>232-455-8<br>-<br>01-2119487078-27  | Asp. Tox. 1; H304                             | < 2.50                 | wt% |
| 4  | <b>2-Naphthalenesulfonic acid, 6-hydroxy-, monosodium salt, polymer with disodium sulfite, formaldehyde and methylphenol</b> |   |                        |     |

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

|   |  |  |                    |     |
|---|--|--|--------------------|-----|
|   | 73003-46-0<br>-<br>-   | Aquatic Chronic 3; H412  | < 2.50             | wt% |
| 5 | <b>methenamine 3-chloroallylochloride</b>  |  |                    |     |
|   | 4080-31-3<br>223-805-0<br>-<br>-   | Acute Tox. 4; H302<br>Acute Tox. 3; H311<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Aquatic Chronic 3; H412   | < 0.50             | wt% |
| 6 | <b>bronopol</b>  |  |                    |     |
|   | 52-51-7<br>200-143-0<br>603-085-00-8<br>01-2119980938-15   | Acute Tox. 4*; H302<br>Acute Tox. 4*; H312<br>Aquatic Acute 1; H400<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>STOT SE 3; H335  | < 0.10             | wt% |
| 7 | <b>1,2-benzisothiazol-3(2H)-one</b>  |  |                    |     |
|   | 2634-33-5<br>220-120-9<br>613-088-00-6<br>01-2120761540-60   | Acute Tox. 4*; H302<br>Aquatic Acute 1; H400<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317  | < 0.05             | wt% |
| 8 | <b>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</b> |  |                    |     |
|   | 55965-84-9<br>-<br>613-167-00-5<br>01-2120764691-48  | Acute Tox. 3; H301<br>Acute Tox. 2; H310<br>Acute Tox. 2; H330<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br>Eye Dam. 1; H318<br>Skin Corr. 1C; H314<br>Skin Sens. 1A; H317<br>EUH071 | >= 0.0015 - < 0.06 | wt% |
| 9 | <b>glycerol</b>  |  |                    |     |
|   | 56-81-5<br>200-289-5<br>-<br>01-2119471987-18  | -  | >= 5.00 - < 10.00  | wt% |

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

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits   | M-factor (acute) | M-factor (chronic) |
|----|------|---|------------------|--------------------|
| 6  | -    | -   | M = 10           | -                  |
| 7  | -    | Skin Sens. 1; H317: C >= 0.05%  | -                | -                  |
| 8  | -    | Skin Sens. 1A; H317: C >= 0.0015%<br>Eye Irrit. 2; H319: C >= 0.06%<br>Skin Irrit. 2; H315: C >= 0.06%<br>Skin Corr. 1C; H314: C >= 0.6%<br>Eye Dam. 1; H318: C >= 0.6% | M = 100          | M = 100            |

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

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

**After inhalation**

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB**After skin contact**

Take off contaminated clothing.

Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.

**After 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.

**After ingestion**

Rinse mouth. Call a POISON CENTER or doctor/physician.

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

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

**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 dioxide (CO<sub>2</sub>); Carbon monoxide (CO); Sulphur oxides (SxO<sub>y</sub>); Nitrogen oxides (NO<sub>x</sub>); Oxides of silica**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**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. Ensure adequate ventilation.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge uncontrolled 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). When collected, handle material as described under the section heading "Disposal considerations".

**6.4 Reference to other sections**

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

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

**General protective and hygiene measures**

Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours.

**Advice on protection against fire and explosion**

No special measures necessary.

**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. Keep from freezing. Protect from heat and direct sunlight.

**Recommended storage temperature**

Value 0 - 40 °C

**Storage stability**

Value min. 2 year(s)

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Appropriate Material steel; HDPE; polypropylene

**Incompatible products**

Do not store together with foodstuffs.

**7.3 Specific end use(s)****Industry solution**

Always read the label and product information before use.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

| No  | Substance name                            | CAS no. | EC no.            |
|---|---|---------|-------------------|
| 1   | glycerol                                  | 56-81-5 | 200-289-5         |
| <b>List of approved workplace exposure limits (WELs) / EH40</b> |   |         |                   |
| Glycerol mist   |   |         |                   |
|   | WEL long-term (8-hr TWA reference period) | 10      | mg/m <sup>3</sup> |

**DNEL, DMEL and PNEC values****DNEL values (worker)**

| No | Substance name                | CAS / EC no         |                       |
|----|-------------------------------|---------------------|-----------------------|
|    | Route of exposure             | Exposure time       | Effect                |
|    |                               |                     | Value                 |
| 1  | White mineral oil (petroleum) |                     |                       |
|    | dermal                        | Long term (chronic) | systemic              |
|    | dermal                        | Long term (chronic) | 220 mg/kg/day         |
|    | inhalative                    | Long term (chronic) | systemic              |
|    | inhalative                    | Long term (chronic) | 160 mg/m <sup>3</sup> |

**DNEL value (consumer)**

| No | Substance name                | CAS / EC no         |                      |
|----|-------------------------------|---------------------|----------------------|
|    | Route of exposure             | Exposure time       | Effect               |
|    |                               |                     | Value                |
| 1  | White mineral oil (petroleum) |                     |                      |
|    | oral                          | Long term (chronic) | systemic             |
|    | oral                          | Long term (chronic) | 40 mg/kg/day         |
|    | dermal                        | Long term (chronic) | systemic             |
|    | dermal                        | Long term (chronic) | 93 mg/kg/day         |
|    | inhalative                    | Long term (chronic) | systemic             |
|    | inhalative                    | Long term (chronic) | 35 mg/m <sup>3</sup> |

**8.2 Exposure controls**

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB**Appropriate engineering controls**

No data available.

**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.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). 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.

Appropriate Material nitrile rubber

**Other**

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345)

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|                                      |              |
|--------------------------------------|--------------|
| <b>State of aggregation</b>          |              |
| liquid                               |              |
| <b>Form</b>                          |              |
| liquid                               |              |
| <b>Colour</b>                        |              |
| red                                  |              |
| <b>Odour</b>                         |              |
| like paint                           |              |
| <b>pH value</b>                      |              |
| Value                                | 8.7          |
| Reference temperature                | 20 °C        |
| Concentration                        | 10 g/l       |
| <b>Boiling point / boiling range</b> |              |
| Value                                | 100 °C       |
| <b>Melting point/freezing point</b>  |              |
| No data available                    |              |
| <b>Decomposition temperature</b>     |              |
| No data available                    |              |
| <b>Flash point</b>                   |              |
| No data available                    |              |
| <b>Ignition temperature</b>          |              |
| No data available                    |              |
| <b>Auto-ignition temperature</b>     |              |
| Value                                | 425 °C       |
| Source                               | Manufacturer |
| <b>Explosive properties</b>          |              |
| not explosive                        |              |

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

| <b>Flammability</b>                                      |  |              |           |
|--|--|--------------|-----------|
| No data available  |  |              |           |
| <b>Lower explosion limit</b>                             |  |              |           |
| No data available  |  |              |           |
| <b>Upper explosion limit</b>                             |  |              |           |
| No data available  |  |              |           |
| <b>Vapour pressure</b>                                   |  |              |           |
| No data available  |  |              |           |
| <b>Relative vapour density</b>                           |  |              |           |
| No data available  |  |              |           |
| <b>Relative density</b>                                  |  |              |           |
| No data available  |  |              |           |
| <b>Density</b>   |  |              |           |
| Value  | 1.058 g/cm <sup>3</sup>  |              |           |
| Reference temperature                                    | 20 °C  |              |           |
| <b>Solubility in water</b>                               |  |              |           |
| Comments   | Completely miscible  |              |           |
| <b>Solubility</b>  |  |              |           |
| No data available  |  |              |           |
| <b>Partition coefficient n-octanol/water (log value)</b> |  |              |           |
| No   | Substance name   | CAS no.      | EC no.    |
| 1  | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6  | 605-752-9 |
| log Pow  |  | 3.72         |           |
| Source   |  | Manufacturer |           |
| <b>Kinematic viscosity</b>                               |  |              |           |
| Value  | 15.8 - 93.1 mPa*s  |              |           |
| Reference temperature                                    | 20 °C  |              |           |
| Type   | dynamic  |              |           |
| Source   | Manufacturer   |              |           |
| <b>Particle characteristics</b>                          |  |              |           |
| No data available  |  |              |           |

**9.2 Other information**

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

**SECTION 10: Stability and reactivity****10.1 Reactivity**

The product is stable under normal storage and handling conditions.

**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**

None, if handled according to intended use.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

No hazardous decomposition products known.

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

| Acute oral toxicity |              |      |       |
|---------------------|--------------|------|-------|
| No                  | Product Name |      |       |
| 1                   | LATITUDE     |      |       |
| LD50                | >            | 5000 | mg/kg |
| Species             | rat          |      |       |
| Source              | Manufacturer |      |       |

| Acute dermal toxicity |              |      |       |
|-----------------------|--------------|------|-------|
| No                    | Product Name |      |       |
| 1                     | LATITUDE     |      |       |
| LD50                  | >            | 5000 | mg/kg |
| Species               | rat          |      |       |
| Source                | Manufacturer |      |       |

| Acute inhalational toxicity |   |             |           |
|-----------------------------|---|-------------|-----------|
| No                          | Substance name  | CAS no.     | EC no.    |
| 1                           | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phen-3-carboxamide | 175217-20-6 | 605-752-9 |
| LC50                        | >   | 2.8         | mg/l      |
| Duration of exposure        |   | 4           | h         |
| State of aggregation        | Dust/mist   |             |           |
| Species                     | rat   |             |           |
| Source                      | Manufacturer  |             |           |
| 2                           | White mineral oil (petroleum)                                   | 8042-47-5   | 232-455-8 |
| LC50                        | >   | 5           | mg/l      |
| Duration of exposure        |   | 4           | h         |
| State of aggregation        | mist  |             |           |
| Species                     | rat   |             |           |
| Method                      | OECD 403  |             |           |
| Source                      | ECHA  |             |           |

| Skin corrosion/irritation |                               |           |           |
|---------------------------|-------------------------------|-----------|-----------|
| No                        | Substance name                | CAS no.   | EC no.    |
| 1                         | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Species                   | rabbit                        |           |           |
| Method                    | OECD 404                      |           |           |
| Source                    | ECHA                          |           |           |
| Evaluation                | non-irritant                  |           |           |

| Serious eye damage/irritation |              |  |  |
|-------------------------------|--------------|--|--|
| No                            | Product Name |  |  |
| 1                             | LATITUDE     |  |  |
| Species                       | rabbit       |  |  |
| Method                        | OECD 405     |  |  |
| Source                        | Manufacturer |  |  |
| Evaluation                    | non-irritant |  |  |

| Respiratory or skin sensitisation |                 |  |  |
|-----------------------------------|-----------------|--|--|
| No                                | Product Name    |  |  |
| 1                                 | LATITUDE        |  |  |
| Route of exposure                 | Skin            |  |  |
| Source                            | Manufacturer    |  |  |
| Evaluation                        | non-sensitizing |  |  |

| Germ cell mutagenicity |                               |           |           |
|------------------------|-------------------------------|-----------|-----------|
| No                     | Substance name                | CAS no.   | EC no.    |
| 1                      | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |



**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

|                           |   |
|---------------------------|---|
| Type of examination       | in vitro gene mutation study in mammalian cells                               |
| Species                   | mouse   |
| Method                    | OECD 476  |
| Source                    | ECHA  |
| Evaluation/classification | Based on available data, the classification criteria are not met.             |
| Type of examination       | in vivo somatic mammalian cell study: cytogenesis / erythrocyte micronucleus. |
| Species                   | mouse   |
| Method                    | OECD 474  |
| Source                    | ECHA  |
| Evaluation/classification | Based on available data, the classification criteria are not met.             |

**Reproduction toxicity**

| No                        | Substance name  | CAS no.          | EC no.           |
|---------------------------|---|------------------|------------------|
| 1                         | <b>White mineral oil (petroleum)</b>                              | <b>8042-47-5</b> | <b>232-455-8</b> |
| Type of examination       | Toxicity study  |                  |                  |
| Species                   | rat   |                  |                  |
| Method                    | OECD 415  |                  |                  |
| Source                    | ECHA  |                  |                  |
| Evaluation/classification | Based on available data, the classification criteria are not met. |                  |                  |
| Type of examination       | Prenatal Developmental Toxicity Study                             |                  |                  |
| Species                   | rat   |                  |                  |
| Method                    | OECD 414  |                  |                  |
| Source                    | ECHA  |                  |                  |
| Evaluation/classification | Based on available data, the classification criteria are not met. |                  |                  |

**Carcinogenicity**

| No                        | Product Name  |
|---------------------------|---|
| 1                         | <b>LATITUDE</b>   |
| Source                    | Manufacturer  |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

**STOT - single exposure**

No data available

**STOT - repeated exposure**

| No                        | Substance name   | CAS no.            | EC no.           |
|---------------------------|--|--------------------|------------------|
| 1                         | <b>N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phen-3-carboxamide</b> | <b>175217-20-6</b> | <b>605-752-9</b> |
| Evaluation/classification | May cause damage to organs through prolonged or repeated exposure      |                    |                  |
| 2                         | <b>White mineral oil (petroleum)</b>                                   | <b>8042-47-5</b>   | <b>232-455-8</b> |
| Route of exposure         | oral   |                    |                  |
| Species                   | rat  |                    |                  |
| Method                    | OECD 453   |                    |                  |
| Source                    | ECHA   |                    |                  |
| Evaluation/classification | Based on available data, the classification criteria are not met.      |                    |                  |
| Route of exposure         | inhalational   |                    |                  |
| Species                   | rat  |                    |                  |
| Method                    | OECD 412   |                    |                  |
| Source                    | ECHA   |                    |                  |
| Evaluation/classification | Based on available data, the classification criteria are not met.      |                    |                  |
| Route of exposure         | dermal   |                    |                  |
| Species                   | rat  |                    |                  |
| Method                    | OECD 411   |                    |                  |
| 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**

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

No data available.

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity**

| <b>Toxicity to fish (acute)</b> |  |             |           |
|---------------------------------|--|-------------|-----------|
| No                              | Substance name   | CAS no.     | EC no.    |
| 1                               | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| LC50                            |  | 11          | mg/l      |
| Duration of exposure            |  | 96          | h         |
| Species                         | Bluegill   |             |           |
| Source                          | EFSA   |             |           |
| 2                               | White mineral oil (petroleum)                                    | 8042-47-5   | 232-455-8 |
| LL50                            |  | >           | 10000     |
| Duration of exposure            |  | 96          | h         |
| Species                         | Leuciscus idus   |             |           |
| Method                          | OECD 203   |             |           |
| Source                          | ECHA   |             |           |

| <b>Toxicity to fish (chronic)</b> |  |             |           |
|-----------------------------------|--|-------------|-----------|
| No                                | Substance name   | CAS no.     | EC no.    |
| 1                                 | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| NOEC                              |  | 0.89        | mg/l      |
| Duration of exposure              |  | 28          | day(s)    |
| Species                           | Pimephales promelas  |             |           |
| Method                            | OECD 210   |             |           |
| Source                            | Manufacturer   |             |           |
| 2                                 | White mineral oil (petroleum)                                    | 8042-47-5   | 232-455-8 |
| NOEC                              |  | 0.97        | mg/l      |
| Duration of exposure              |  | 35          | day(s)    |
| Species                           | zebra fish   |             |           |
| Source                            | Manufacturer   |             |           |

| <b>Toxicity to Daphnia (acute)</b> |  |             |           |
|------------------------------------|--|-------------|-----------|
| No                                 | Substance name   | CAS no.     | EC no.    |
| 1                                  | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| EC50                               |  | 14.0        | mg/l      |
| Duration of exposure               |  | 48          | h         |
| Species                            | Daphnia magna  |             |           |
| Method                             | OECD 202   |             |           |
| Source                             | Manufacturer   |             |           |
| 2                                  | White mineral oil (petroleum)                                    | 8042-47-5   | 232-455-8 |
| EL50                               |  | >           | 100       |
| Duration of exposure               |  | 48          | h         |
| Species                            | Daphnia magna  |             |           |
| Method                             | OECD 202   |             |           |
| Source                             | ECHA   |             |           |

| <b>Toxicity to Daphnia (chronic)</b> |  |             |           |
|--------------------------------------|--|-------------|-----------|
| No                                   | Substance name   | CAS no.     | EC no.    |
| 1                                    | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| NOEC                                 |  | 0.47        | mg/l      |
| Species                              | Daphnia magna  |             |           |
| Method                               | OECD 211   |             |           |
| Source                               | Manufacturer   |             |           |

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

| 2                    | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
|----------------------|-------------------------------|-----------|-----------|
| NOEC                 |                               | 0.43      | mg/l      |
| Duration of exposure |                               | 21        | day(s)    |
| Species              | Daphnia magna                 |           |           |
| Method               | semi static                   |           |           |
| Source               | Manufacturer                  |           |           |

| Toxicity to algae (acute) |                               |           |           |
|---------------------------|-------------------------------|-----------|-----------|
| No                        | Substance name                | CAS no.   | EC no.    |
| 1                         | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| ErC50                     |                               | 70.45     | mg/l      |
| Duration of exposure      |                               | 72        | h         |
| Species                   | Desmodesmus subspicatus       |           |           |
| Method                    | static                        |           |           |
| Source                    | Manufacturer                  |           |           |

| Toxicity to algae (chronic) |  |             |           |
|-----------------------------|--|-------------|-----------|
| No                          | Substance name   | CAS no.     | EC no.    |
| 1                           | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| EC50                        |  | 28          | mg/l      |
| Duration of exposure        |  | 72          | h         |
| Species                     | Pseudokirchneriella subcapitata                                  |             |           |
| Source                      | EFSA   |             |           |

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

**12.2 Persistence and degradability**

| Biodegradability |                               |           |           |
|------------------|-------------------------------|-----------|-----------|
| No               | Substance name                | CAS no.   | EC no.    |
| 1                | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Type             | aerobic biodegradation        |           |           |
| Value            |                               | 31        | %         |
| Duration         |                               | 28        | day(s)    |
| Method           | OECD 301 F                    |           |           |
| Source           | ECHA                          |           |           |
| Evaluation       | potentially biodegradable     |           |           |

**12.3 Bioaccumulative potential**

| Bioconcentration factor (BCF) |  |             |           |
|-------------------------------|--|-------------|-----------|
| No                            | Substance name   | CAS no.     | EC no.    |
| 1                             | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| BCF                           |  | 98          |           |
| Species                       | rainbow trout  |             |           |
| Source                        | Manufacturer   |             |           |

| Partition coefficient n-octanol/water (log value) |  |             |           |
|---|--|-------------|-----------|
| No  | Substance name   | CAS no.     | EC no.    |
| 1   | N-allyl-4,5-dimethyl- 2-(trimethylsilyl)thio-phene-3-carboxamide | 175217-20-6 | 605-752-9 |
| log Pow   |  | 3.72        |           |
| Source  | Manufacturer   |             |           |

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB**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**

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****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

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

| No | Substance name | CAS no. | EC no. | No |
|----|----------------|---------|--------|----|
|    |                |         |        |    |

**Trade name:** LATITUDE**Product no.:** CE 114 C0252 UK**Current version :** 3.0.4, issued: 28.06.2023**Replaced version:** 3.0.3, issued: 22.06.2023**Region:** GB

|    |  |            |           |    |
|----|--|------------|-----------|----|
| 1  | 1,2-benzisothiazol-3(2H)-one   | 2634-33-5  | 220-120-9 | 75 |
| 2  | 1-OCTYL-2-PYRROLIDONE  | 2687-94-7  | 403-700-8 | 75 |
| 3  | acetaldehyde   | 75-07-0    | 200-836-8 | 75 |
| 4  | bronopol   | 52-51-7    | 200-143-0 | 75 |
| 5  | dichloromethane  | 75-09-2    | 200-838-9 | 75 |
| 6  | methenamine  | 100-97-0   | 202-905-8 | 75 |
| 7  | phosphoric acid  | 7664-38-2  | 231-633-2 | 75 |
| 8  | potassium hydroxide  | 1310-58-3  | 215-181-3 | 75 |
| 9  | reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1) | 55965-84-9 | -         | 75 |
| 10 | sodium hydroxide   | 1310-73-2  | 215-185-5 | 75 |
| 11 | vinyl acetate  | 108-05-4   | 203-545-4 | 75 |

**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.

**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)**

|        |   |
|--------|---|
| EUH071 | Corrosive to the respiratory tract.                   |
| H301   | Toxic if swallowed.                                   |
| H302   | Harmful if swallowed.                                 |
| H304   | May be fatal if swallowed and enters airways.         |
| H310   | Fatal in contact with skin.                           |
| H311   | Toxic in contact with skin.                           |
| H312   | Harmful in contact with skin.                         |
| H314   | Causes severe skin burns and eye damage.              |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| H318   | Causes serious eye damage.                            |
| H319   | Causes serious eye irritation.                        |
| H330   | Fatal if inhaled.                                     |
| H335   | May cause respiratory irritation.                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| H411   | Toxic to aquatic life with long lasting effects.      |

**Creation of the safety data sheet**

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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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**Trade name:** LATITUDE

**Product no.:** CE 114 C0252 UK

**Current version :** 3.0.4, issued: 28.06.2023

**Replaced version:** 3.0.3, issued: 22.06.2023

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Prod-ID      759241