

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

#### 1.1. Product identifier

Code: **683261**  
 Product name: **CLASSIDUR F-THERM**

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

| Identified Uses      | Industrial | Professional | Consumer |
|----------------------|------------|--------------|----------|
| Paint / Coating      | -          | PC: 9a.      | PC: 9a.  |
| Uses Advised Against |            |              |          |

All uses other than painting in construction.

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

Name: **VERNIS CLAESSENS SA.**  
 Full address: **Route de Crissier 4**  
 District and Country: **1030 Bussigny**  
**Swiss**  
 tel. **+41 21 702 07 02**

e-mail address of the competent person responsible for the Safety Data Sheet: **mail@claessens.com**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **Contact your local poison control centre.**  
**Swiss: +41 44 251 51 51**

### SECTION 2. Hazards identification

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

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

#### Hazard classification and indication:

Hazardous to the aquatic environment, chronic toxicity, category 3      H412      Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

**CLASSIDUR F-THERM**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**H412** Harmful to aquatic life with long lasting effects.

**EUH211** Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**EUH208** Contains: 2-METHYL-2H-ISOTHIAZOL-3-ONE (MIT), Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIA ZOL-3ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT), 1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT), Terbutrine, 2-OCTIL-2H-ISOTHIAZOL-3-ONE (OIT)  
May produce an allergic reaction.

Precautionary statements:

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

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

**P273** Avoid release to the environment.

**P501** Dispose of contents/container according to local regulation.

VOC (Directive 2004/42/EC) :

Interior matt walls and ceilings (Gloss < 25@60°).

VOC given in g/litre of product in a ready-to-use condition : 29,00

Limit value: 30,00

**2.3. Other hazards**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

**SECTION 3. Composition/information on ingredients**

**3.2. Mixtures**

Contains:

| Identification                            | Conc. % | Classification (EC) 1272/2008 (CLP)  |
|---|---------|--|
| <b>1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT)</b> |         |  |
| CAS 2634-33-5                             | 0,035   | Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411 |

**CLASSIDUR F-THERM**

|   |         |  |
|---|---------|--|
| EC 220-120-9  |         | Skin Sens. 1A H317: ≥ 0,05%  |
| INDEX 613-088-00-6  |         | STA Oral: 500 mg/kg  |
| REACH Reg. 01-2120761540-60   |         |  |
| <b>ZINC PYRITHION</b>   |         |  |
| CAS 13463-41-7  | 0,023   | Repr. 1B H360, Acute Tox. 2 H330, Acute Tox. 3 H301, STOT RE 1 H372, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1000, Aquatic Chronic 1 H410 M=10   |
| EC 236-671-3  |         | LD50 Oral: 221 mg/kg, LC50 Inhalation mists/powders: 0,14 mg/l/4h  |
| INDEX -   |         |  |
| <b>Terbutrine</b>   |         |  |
| CAS 886-50-0  | 0,006   | Acute Tox. 4 H302, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100  |
| EC 212-950-5  |         | STA Oral: 500 mg/kg  |
| INDEX -   |         |  |
| <b>2-OCTIL-2H-ISOTHIAZOL-3-ONE (OIT)</b>  |         |  |
| CAS 26530-20-1  | 0,004   | Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1A H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071   |
| EC 247-761-7  |         | Skin Sens. 1A H317: ≥ 0,0015%  |
| INDEX 613-112-00-5  |         | LD50 Oral: 125 mg/kg, LD50 Dermal: 311 mg/kg, LC50 Inhalation mists/powders: 0,27 mg/l/4h  |
| <b>Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIA ZOL-3ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)</b> |         |  |
| CAS 55965-84-9  | 0,001   | Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071, Classification note according to Annex VI to the CLP Regulation: B |
| EC 611-341-5  |         | Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1A H317: ≥ 0,0015%, Eye Dam. 1 H318: ≥ 0,6%, Eye Irrit. 2 H319: ≥ 0,06%  |
| INDEX 613-167-00-5  |         | LD50 Oral: 66 mg/kg, LD50 Dermal: >141 mg/kg, STA Inhalation gas: 100 ppm, STA Inhalation mists/powders: 0,051 mg/l, STA Inhalation vapours: 0,501 mg/l  |
| <b>2-METHYL-2H-ISOTHIAZOL-3-ONE (MIT)</b>   |         |  |
| CAS 2682-20-4   | 0,00054 | Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1  |
| EC 220-239-6  |         | Skin Sens. 1A H317: ≥ 0,0015%  |
| INDEX -   |         | STA Oral: 100 mg/kg, STA Dermal: 300 mg/kg, STA Inhalation gas: 100 ppm, STA Inhalation mists/powders: 0,051 mg/l, STA Inhalation vapours: 0,501 mg/l  |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures**

**4.1. Description of first aid measures**

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**SKIN:** Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

**INHALATION:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Information not available

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

Information not available

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

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

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

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

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Information not available

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter

whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

**ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

**SECTION 9. Physical and chemical properties**

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

| Properties                             | Value                      | Information                                |
|--|----------------------------|--|
| Appearance                             | viscous liquid             |  |
| Colour                                 | white, various             |  |
| Odour                                  | mild                       |  |
| Melting point / freezing point         | < 5 °C                     |  |
| Initial boiling point                  | 100 °C                     |  |
| Flammability                           | not applicable             |  |
| Lower explosive limit                  | not applicable             |  |
| Upper explosive limit                  | not applicable             |  |
| Flash point                            | > 60 °C                    | Method:Derived                             |
| Auto-ignition temperature              | not applicable             |  |
| Decomposition temperature              | not applicable             |  |
| pH                                     | 8,5                        | Concentration: 100 %<br>Temperature: 20 °C |
| Kinematic viscosity                    | not available              |  |
| Dynamic viscosity                      | 10000 mPa.s                | Method:ISO 2884-1<br>Temperature: 20 °C    |
| Solubility                             | partially soluble in water | Temperature: 20 °C                         |
| Partition coefficient: n-octanol/water | not available              |  |
| Vapour pressure                        | not available              |  |
| Density and/or relative density        | not available              | Method:ISO 2811-1<br>Temperature: 20 °C    |
| Relative vapour density                | > 1                        | Method:Derived<br>Temperature: 20 °C       |
| Particle characteristics               | not applicable             |  |

**9.2. Other information**

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2004/42/EC) : 29,00

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials

Information not available

### 10.6. Hazardous decomposition products

Information not available

## SECTION 11. Toxicological information

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

#### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

#### Information on likely routes of exposure

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**CLASSIDUR F-THERM**

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

|                                  |   |
|----------------------------------|---|
| ATE (Inhalation) of the mixture: | Not classified (no significant component) |
| ATE (Oral) of the mixture:       | Not classified (no significant component) |
| ATE (Dermal) of the mixture:     | Not classified (no significant component) |

Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIA ZOL-3ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)

|                |                          |
|----------------|--------------------------|
| LD50 (Oral):   | 66 mg/kg Rat OECD 401    |
| LD50 (Dermal): | > 141 mg/kg Rat OECD 402 |

1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT)

|             |  |
|-------------|--|
| STA (Oral): | 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |
|-------------|--|

2-METHYL-2H-ISOTHIAZOL-3-ONE (MIT)

|              |  |
|--------------|--|
| LD50 (Oral): | > 2500 mg/kg Rat (OECD 423)  |
| STA (Oral):  | 100 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |

|                |  |
|----------------|--|
| LD50 (Dermal): | > 2000 mg/kg Rat (OECD 402)  |
| STA (Dermal):  | 300 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |

Terbutrine

|             |  |
|-------------|--|
| STA (Oral): | 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |
|-------------|--|

CALCIUM CARBONATE

|              |                |
|--------------|----------------|
| LD50 (Oral): | 6450 mg/kg Rat |
|--------------|----------------|

2-OCTIL-2H-ISOTHIAZOL-3-ONE (OIT)

|                                  |              |
|----------------------------------|--------------|
| LD50 (Oral):                     | 125 mg/kg    |
| LD50 (Dermal):                   | 311 mg/kg    |
| LC50 (Inhalation mists/powders): | 0,27 mg/l/4h |



**CLASSIDUR F-THERM****ZINC PYRITHION**

LD50 (Oral): 221 mg/kg  
LC50 (Inhalation mists/powders): 0,14 mg/l/4h

Titanium dioxide (content <1% of particles with aerodynamic diameter ≤ 10 µm)

LD50 (Oral): > 5000 mg/kg Rat, Method 425 OECD

**SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

**SERIOUS EYE DAMAGE / IRRITATION**

Does not meet the classification criteria for this hazard class

**RESPIRATORY OR SKIN SENSITISATION**

May produce an allergic reaction.

Contains:

2-METHYL-2H-ISOTHIAZOL-3-ONE (MIT)

Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIA ZOL-3ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)

1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT)

Terbutrine

2-OCTIL-2H-ISOTHIAZOL-3-ONE (OIT)

No classification as Skin Sens. H317, based on the results of similar tested mixtures, applying bridging principles, in accordance with Article 9 (4) of the CLP Regulation. Study result: Sensitization OECD 429 (LLNA) (mouse) non-sensitizing - S4565, S5145, S5146, S5147, S4568. However, the product is classified EUH208.

**Respiratory sensitization**

Information not available

**Skin sensitization**

Information not available

**GERM CELL MUTAGENICITY**

**CLASSIDUR F-THERM**

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**SECTION 12. Ecological information**

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment.

**12.1. Toxicity**

Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIA ZOL-3ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)  
LC50 - for Fish

0,22 mg/l/96h Oncorhynchus mykiss

EC50 - for Crustacea

0,0052 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

0,048 mg/l/72h Pseudokirchnerella subcapitata

Chronic NOEC for Fish

0,098 mg/l Onchorhynchus Mykiss (OECD 210)

Chronic NOEC for Crustacea

0,004 mg/l Daphnia magna (OECD 211)

Chronic NOEC for Algae / Aquatic Plants

0,00064 mg/l Skeletonema costantium (ISO 10263, RAC)

**CLASSIDUR F-THERM**
**1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT)**

|                                   |  |
|-----------------------------------|--|
| LC50 - for Fish                   | 1,6 mg/l/96h Oncorhynchus mykiss (OECD 203)        |
| EC50 - for Crustacea              | 3,27 mg/l/48h Daphnia magna (OECD 202)             |
| EC50 - for Algae / Aquatic Plants | 0,11 mg/l/72h Selenastrum capricornutum (OECD 201) |

**Terbutrine**

|                                   |   |
|-----------------------------------|---|
| LC50 - for Fish                   | 1,8 mg/l/96h Rasbora heteromorpha         |
| EC50 - for Crustacea              | 7,1 mg/l/48h Daphnia magna                |
| EC50 - for Algae / Aquatic Plants | 0,0055 mg/l/72h Selenastrum capricornutum |

**2-OCTIL-2H-ISOTHIAZOL-3-ONE (OIT)**

|   |   |
|---|---|
| LC50 - for Fish                         | 0,036 mg/l/96h Oncorhynchus mykiss (OECD 203) |
| Chronic NOEC for Fish                   | 0,022 mg/l 28d Oncorhynchus mykiss (OECD 210) |
| Chronic NOEC for Crustacea              | 0,002 mg/l 21 d (OECD 211)                    |
| Chronic NOEC for Algae / Aquatic Plants | 0,004 mg/l 72h Algae (OECD 201)               |

**ZINC PYRITHION**

|                                   |  |
|-----------------------------------|--|
| LC50 - for Fish                   | 0,0104 mg/l/96h Brachydanio rerio (OECD 203)         |
| EC50 - for Crustacea              | 0,051 mg/l/48h Daphnia magna (OECD 202)              |
| EC50 - for Algae / Aquatic Plants | 0,0013 mg/l/72h Selenastrum capricornutum (OECD 201) |

Titanium dioxide (content <1% of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ )

|                      |                                     |
|----------------------|-------------------------------------|
| LC50 - for Fish      | > 1000 mg/l/96h                     |
| EC50 - for Crustacea | > 100 mg/l/48h Test Method 202 OECD |

**12.2. Persistence and degradability**

Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIAZOL-3-ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)

Rapidly degradable

Titanium dioxide (content <1% of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ )

Solubility in water < 0,001 mg/l

Degradability: information not available

**12.3. Bioaccumulative potential**

Reaction mass of: 5-CHLORO-2METHYL-2H-ISOTIAZOL-3-ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3: 1) (C (M) IT / MIT)

BCF 3,6 Calculated

**1,2-BENZOISOTIAZOL-3(2H)-ONE (BIT)**

|  |                               |
|--|-------------------------------|
| Partition coefficient: n-octanol/water | 0,7 n-Octanol/Water, OECD 117 |
| BCF                                    | 6,95 Pesce (OECD 305)         |

2-METHYL-2H-ISOTHIAZOL-3-ONE (MIT)

Partition coefficient: n-octanol/water 0,32 n-octanol/water

BCF 3,16

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

## SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

**14.3. Transport hazard class(es)**

not applicable

**14.4. Packing group**

not applicable

**14.5. Environmental hazards**

not applicable

**14.6. Special precautions for user**

not applicable

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

Information not relevant

**SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product  
Point 3

Contained substance  
Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

VOC (Directive 2004/42/EC) :

Interior matt walls and ceilings (Gloss < 25@60°).

Contains biocidal products This product contains the following biocidal active substances for dry film protection: 2-octyl-2H-isothiazol-3-one CAS No. 26530-20-1, Terbutrin CAS No. 886-50-0, zinc pyrithione CAS N: 13463-41-7.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

**SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                      |  |
|----------------------|--|
| <b>Repr. 1B</b>      | Reproductive toxicity, category 1B                             |
| <b>Acute Tox. 2</b>  | Acute toxicity, category 2                                     |
| <b>Acute Tox. 3</b>  | Acute toxicity, category 3                                     |
| <b>STOT RE 1</b>     | Specific target organ toxicity - repeated exposure, category 1 |
| <b>Skin Corr. 1A</b> | Skin corrosion, category 1A                                    |
| <b>Eye Dam. 1</b>    | Serious eye damage, category 1                                 |

**CLASSIDUR F-THERM**

|                          |  |
|--------------------------|--|
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A  |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1                                 |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1                               |
| <b>Aquatic Chronic 3</b> | Hazardous to the aquatic environment, chronic toxicity, category 3                               |
| <b>H360</b>              | May damage fertility or the unborn child.  |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H372</b>              | Causes damage to organs through prolonged or repeated exposure.                                  |
| <b>H314</b>              | Causes severe skin burns and eye damage.   |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H317</b>              | May cause an allergic skin reaction.   |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.  |
| <b>H412</b>              | Harmful to aquatic life with long lasting effects.   |
| <b>EUH071</b>            | Corrosive to the respiratory tract.  |
| <b>EUH211</b>            | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |

Use descriptor system:

**PC**            **9a**            Coatings and paints, thinners, paint removers

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).



**CLASSIDUR F-THERM****GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
  4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
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  20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
  21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA website
  - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

**Changes to previous review:**

The following sections were modified:

01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.