

CLASSIDUR F-THERM



A SWISS COMPANY

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : CLASSIDUR F-THERM

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

Identified uses Paint / see technical data sheet

1.3. Details of the supplier of the safety data sheet

Registered company name : VERNIS CLAESSENS SA.

Address : Avenue du Silo 6.CH-1020 .Renens.Suisse.

Telephone : +41 (0)21 637 17 17. Fax : +41 (0)21 637 17 29.

mail@claessens.com

www.claessens.com

REACH EU Only Representative : ICP Alltek , Lagnieu (France) reach@icp-alltek.com

1.4. Emergency telephone number : 145.

Association/Organisation : centre toxicologique Zurich.

Other emergency numbers

England : 0845 46 47 / Belgium : +32 70 245 245

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208	Contains TERBUTRYNE (ISO). May produce an allergic reaction.
EUH208	Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.
EUH208	Contains 2-METHYL-2HISOTHIAZOL-3-ONE. May produce an allergic reaction.
EUH208	Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
EUH208	Contains MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1). May produce an allergic reaction.

Hazard statements :

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

Precautionary statements - Disposal :

P501 Dispose of contents/container to hazardous or special waste collection point.

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2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 68920-66-1 EC: 500-236-9 ALCOHOLS, C16-C18 AND C18-UNSATD., ETHOXYLATED	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 1
CAS: 13463-41-7 EC: 236-671-3 SELS DE ZINC DU PYRIDINE-1-OXY-2-THIOL	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Acute Tox. 4, H332 Aquatic Acute 1, H400 M Acute = 10		0 <= x % < 1
CAS: 886-50-0 EC: 212-950-5 TERBUTRYNE (ISO)	GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100		0 <= x % < 1
INDEX: 613-112-00-5 CAS: 26530-20-1 EC: 247-761-7 2-OCTYL-2H-ISOTHIAZOL-3-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	0 <= x % < 1
CAS: 2682-20-4 EC: 220-239-6 2-METHYL-2HISOTHIAZOL-3-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 Acute Tox. 2, H330 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 1	[1]	0 <= x % < 1
CAS: 2634-33-5 EC: 220-120-9 1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 10	[1]	0 <= x % < 1

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INDEX: 613-167-00-5 CAS: 55965-84-9 MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	0 <= x % < 1
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Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

In the event of swallowing :

Seek medical attention, showing the label.

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

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
26530-20-1		0,05 E mg/m3		2()

- Netherlands / MAC-waarde (SER, 4 May 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
55965-84-9	0.05 mg/m3	-	-	-	-

- Switzerland (SUVA 2015) :

CAS	VME	VLE	Valeur plafond	Notations
26530-20-1	0,05 i mg/m3	0,1 i mg/m3		R S
2682-20-4	0,2 i mg/m3	0,4 i mg/m3		S SSC

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

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- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Viscous liquid.

Important health, safety and environmental information

pH : 8.50 .
Slightly basic.

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : > 1

Water solubility : Dilutable.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available.

11.1.1. Substances

No toxicological data available for the substances.

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11.1.2. Mixture

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

ALCOHOLS, C16-C18 AND C18-UNSAT., ETHOXYLATED (CAS: 68920-66-1)

Fish toxicity : 0,1 < NOEC <= 1 mg/l

TERBUTRYNE (ISO) (CAS: 886-50-0)

Fish toxicity : LC50 = 1.8 mg/l
Species : Rasbora heteromorpha
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 7.1 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 0.0055 mg/l
Factor M = 100
Species : Selenastrum capricornutum
Duration of exposure : 72 h

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Fish toxicity : LC50 = 2.2 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 3 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 0.067 mg/l
Factor M = 10
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h

2-METHYL-2HISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Fish toxicity : LC50 = 6 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 1.68 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 0.157 mg/l
Factor M = 1
Species : Pseudokirchnerella subcapitata

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Duration of exposure : 72 h

SELS DE ZINC DU PYRIDINE-1-OXY-2-THIOL (CAS: 13463-41-7)

Fish toxicity : LC50 = 0.15 mg/l
Factor M = 1
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 0.05 mg/l
Factor M = 10
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 0.067 mg/l
Factor M = 10
Species : Selenastrum capricornutum
Duration of exposure : 72 h

12.1.2. Mixtures

12.2. Persistence and degradability

12.2.1. Substances

2-METHYL-2HISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Biodegradability : Rapidly degradable.

TERBUTRYNE (ISO) (CAS: 886-50-0)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

SELS DE ZINC DU PYRIDINE-1-OXY-2-THIOL (CAS: 13463-41-7)

Biodegradability : Rapidly degradable.

ALCOHOLS, C16-C18 AND C18-UNSAT., ETHOXYLATED (CAS: 68920-66-1)

Biodegradability : Rapidly degradable.

12.2.2. Mixtures

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

TERBUTRYNE (ISO) (CAS: 886-50-0)

Octanol/water partition coefficient : log K_{ow} = 3.19

SELS DE ZINC DU PYRIDINE-1-OXY-2-THIOL (CAS: 13463-41-7)

Octanol/water partition coefficient : log K_{ow} = 0.9

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

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SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15 : REGULATORY INFORMATION

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

Swiss Ordinance on Protection against Major Accidents no threshold quantity

Waters Protection Ordinance Category A

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

- Container information:

No data available.

- Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :

The permitted European level of VOC in this ready-to-use product is limited to 30 g/l.

The permitted European levels of VOC in the ready-to-use product (category II Aa) are 75 g/l maximum in 2007 and 30 g/l maximum in 2010.

- Particular provisions :

No data available.

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15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302 + H332	Harmful if swallowed or if inhaled.
H311	Toxic 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.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.