

Product Name: THM – HufStabil®  
Revised on: 10.09.2021  
Version Number: 02

Replaces version dated: 08.05.2008

## SECTION 1: Identification of the substance or mixture and of the company

### 1.1 Product Identifier

Substance Name: THM HufStabil  
Article Number: THM-01

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

#### Relevant identified uses:

Hoof care product for external application on equines. Stabilization and strengthening of the hoof.

#### Uses advised against:

Use for the care of hairy epidermis.

### 1.3 Supplier Details Providing the Safety Data Sheet

#### Supplier

Wolf Busch –Der Huf  
Ruppersdorf 1 b  
D-91604 Flachslanden  
Germany

#### Telephone / Fax / E-Mail

+49 (0)9828 911 9684 /+49 (0)9828 911 9685/ E-Mail: produktsicherheit@der-hufshop.de

### 1.4 Emergency phone number

Poison Control Centre Munich Phone: +49 (0) 89 19240

## SECTION 2: Potential Hazards

### 2.1 Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

H226 Flüssigkeit und Dampf entzündbar.

H317 May cause allergic skin reactions.

H411 Aquatic Chronic 2; Toxic to aquatic life with long-lasting effects.

### 2.2 Labeling elements

Regulation (EC) No. 1272/2008

Pictogram(s) and Signal word of the product



GHS02, GHS07, GHS09

Signal word: Attention

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**Hazardous components for labeling (Product identifiers)**

- d-Limonen CAS 5989-27-5
- Linalool CAS 78-70-6
- Citral CAS 5392-40-5

**Hazard Statements:**

H226 Flammable liquid and vapour.  
H317 May cause allergic skin reactions.  
H411 Toxic to aquatic life with long-lasting effects.

**Safety precautions:**

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P391: Collect spillage.  
P403+P235 Store in a well ventilated place. Keep cool.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other Hazards**

Results of PBT and vPvB Assessment  
PBT: Not applicable.  
vPvB: Not applicable.

**SECTION 3: Composition/Information on ingredients**

**3.1 Substances**

**3.2 Mixtures**

**Composition/Information on Ingredients**

- Limonene (R)-p-Mentha-1,8-diene: 8.13-8.15 vol %
  - EC No. 227-813-5 CAS 5989-27-5
  - Hazard Statements: H226 Flammable liquid and vapor, H315 Causes skin irritation, H317 May cause an allergic skin reaction, H410 Very toxic to aquatic life with long-lasting effects.
- Linalool 3,7-Dimethylocta-1,6-dien-3-ol : 3,5 - 3,6 Vol%
  - EC No. 201-134-4 CAS 78-70-6
  - Hazard statements: H317 Skin Sens. 1B
- Citral (3,7-dimethylocta-2,6-dienal): 0.53-0.53 vol %
  - EC No. 226-394-6 CAS 5392-40-5
  - Hazard Statements: H315 Causes skin irritation, H317 May cause an allergic skin reaction.

**Substances with Union workplace exposure limits**

Not contained

The wording of the listed hazard statements can be found in section 16.

**SECTION 4: First aid measures**

**4.1 Description of First Aid Measures**

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**General advice:**

Remove contaminated clothing immediately.

**Inhalation:**

Provide plenty of fresh air. If symptoms persist, seek medical attention. If unconscious, place in a stable side position for transport.

**Skin contact:**

Wash off immediately with soap and water and rinse thoroughly. In case of allergic reactions / skin irritation consults a doctor immediately and show the label or this safety data sheet.

**Eye contact:**

Rinse opened eye for several minutes under running water, seek medical advice.

**After swallowing:**

Rinse mouth with water (only if the victim is conscious). Seek medical advice immediately and show the packaging / label or this safety data sheet.

**4.2 Most important acute and delayed symptoms and effects**

No further relevant information available.

**4.3. Indications for medical immediate assistance or special treatment:**

No further relevant information available.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing agents**

**Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder, water mist, alcohol-resistant foam

**Unsuitable extinguishing agents**

Water with full jet

**5.2 Special hazards arising from the substance or mixture**

Vapors produced during combustion can cause respiratory irritation if inhaled.

**5.3 Advice for firefighters**

Do not allow extinguishing water to enter canals and bodies of water.

Wear breathing apparatus.

**SECTION 6: Accidental release measures**

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

Procedures to be applied

Wear protective equipment; keep unprotected persons away.

Do not inhale vapours. Avoid contact with skin and eyes.

**6.2 Environmental precautions**

Do not allow to enter drains, surface water and/or ground water. In case of penetration into inform the responsible authorities.

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

Dispose of contaminated material as waste according to section 13.

### 6.4 Reference to other sections

See section 7 for information on safe handling.  
For information on personal protective equipment, see section 8.  
For information on disposal, see section 13.

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

#### Information for secure handling

Good ventilation of storage and work areas.

#### Information on fire and explosion protection

Keep away from sources of ignition - No smoking.

### 7.2 Conditions for safe storage in consideration of incompatibilities

#### Requirements for storage rooms and containers

Store tightly closed in the original container in a well-ventilated place. Prevent any seepage into the ground.

### 7.3 Specific end uses

There is no information available.

## SECTION 8: Exposure controls/personal protective equipment

### 8.1 Parameters to be monitored

The product does not contain any relevant quantities of workplace-related substances that need to be monitored.

Additional information: The lists valid during creation served as the basis.

### 8.2 Exposure controls/personal protective equipment

#### Suitable technical control equipment

No further details see point 7.

Personal protective equipment



#### Eye/face protection

Use safety glasses with side protection.

#### Skin protection

Take recovery periods to regenerate the skin. Preventive skin protection (protective creams/ointments) is recommended.

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### Hand protection

The glove material must be impermeable and resistant to the product. Due to a lack of testing, no recommendation can be made regarding the glove material for the product. The choice of glove material must be made taking into account the breakthrough times, permeation rates and degradation.  
*Glove material:* The selection of a suitable glove depends not only on the material, but also on other material, but also on other quality features and varies from manufacturer to manufacturer.

*Penetration time of the glove material:* The penetration time must be obtained from the glove manufacturer and must be adhered to.

### Other protective measures

Keep away from food, drink and animal feed. Do not eat, drink or smoke during work.

Avoid contact with eyes and skin. Remove soiled, soaked clothing immediately.

Wash hands before breaks and at the end of work.

### Respiratory protection

In case of intensive or prolonged exposure, use a respiratory filter device.

### Thermal hazards

### Limitation and monitoring of environmental exposure

## SECTION 9: Chemical and physical properties

### 9.1 Information on basic physical and chemical properties

	Parameter	Value	Method	Remark
a	physical state	liquid		
b	colour	yellow to brownish		
c	smell	characteristic		
d	fusion point / freezing point	not defined		
e	boiling point or initial boiling point and boiling range	not defined		
f	flammability	not defined		
g	lower explosion limit upper explosion limit	not defined		
h	flashing point	52°C		
i	ignition temperature	not defined		
j	decomposition temperature	not defined		
k	pH value	not defined		
l	kinematic viscosity	>50mm <sup>2</sup> /s		
m	solubility	immiscible		
n	octanol-water partition coefficient	not defined		
o	vapour pressure	not defined		
p	density and relative density	0,934 g/cm <sup>3</sup>		
q	relative vapour density	not defined		
r	particle properties	not defined		

### 9.2 Further information

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

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#### **10.2 Chemical stability**

No decomposition if stored and used as intended.

#### **10.3 Possibility of hazardous reactions**

No hazardous reactions known.

#### **10.4 Conditions to avoid**

Protect from heat.

#### **10.5 Incompatible materials**

No further relevant information available.

#### **10.6 Hazardous decomposition products**

No hazardous decomposition products known.

### **SECTION 11: Toxicological information**

#### **11.1 Information on hazard classes according to regulation (EC) No 1272/2008**

##### **acute toxicity**

Harmful if swallowed.

##### **Corrosive -/Irritant effect on the skin**

Causes skin irritation.

##### **Serious eye damage/irritation**

Causes serious eye irritation.

##### **Respiratory/skin sensitisation**

May cause an allergic skin reaction.

##### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

##### **Carcinogenicity**

Based on available data, the classification criteria are not met.

##### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

##### **Specific Target Organ Systemic Toxicity at single exposure**

##### **Specific Target Organ Systemic Toxicity at repeated exposure**

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### **11.2 Information on other hazards**

No additional information available.

##### **11.2.1 Endocrine disrupting properties**

Based on available data, the classification criteria are not met.

##### **11.2.2 Other information**

Not specified.

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## SECTION 12: Environmental information

### 12.1 Toxicity

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment  
Water hazard class 3 (Self-assessment): highly hazardous to water.

### 12.2 Persistence and degradability

readily biodegradable

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of the PBT and vPvB assessment

No data available:

### 12.6 Endocrine disrupting properties

not listed

### 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment

Must not be disposed of together with household garbage. Do not allow the product to reach sewage system.  
Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

## SECTION 14: Information on transport

### 14.1 UN number or ID number

ADR, IMDG, IATA      UN1169

### 14.2 Proper shipping name

ARD/RID

**1169** EXTRACTS, AROMATIC, LIQUID, DANGEROUS FOR THE ENVIRONMENT

IMDG-Code / ICAO-TI / IATA-DGR

EXTRACTS, AROMATIC, LIQUID, MARINE POLLUTANT

### 14.3 Transport hazard class

ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR

Class 9      Environmentally hazardous substances (marine pollutant)

Danger label    3

### 14.4 Packaging group

ADR, IMDG, IATA      III

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#### 14.5 Environmental hazards

Environmentally hazardous substance marking

**Marine pollutant:** yes  
**Special labelling ADR:** (Symbol: fish and tree)

#### 14.6 Special precautions for the user

See section 6-8

#### 14.7 Transport in bulk by sea in accordance with IMO instruments

Not applicable

### SECTION 15: Legal Provisions

#### 15.1 Regulations on safety, health and environmental protection/specific legislation for the substance or mixture

##### EU Regulations

**Regulation (EC) No. 1005/2009 (Substances that deplete the ozone layer):**

Not applicable

**Regulation (EC) No 850/2004 (Persistent organic pollutants)**

Not applicable

**Regulation (EC) No. 649/2012 (Export and import of dangerous chemicals)**

Not applicable

**Regulation (EC) No 648/2004 on detergents:**

Not applicable

**Authorisations according to Title VII of Regulation (EC) No 1907/2006:**

Not applicable

**Restrictions according to Title VIII of Regulation (EC) No 1907/2006:**

Not applicable

##### National regulations

Classification according to the Ordinance on Industrial Safety and Health (BetrSichV):

Storage class according to TRG S 510: 3

Water hazard class (classification according to VwVwS): WGK 3 (self-assessment): highly hazardous to water.

#### 15.2 Chemical safety assessment

The mixture was not subjected to a safety assessment.

### SECTION 16: Further Informations

#### Legend

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)



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ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS : European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation Skin, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment Chronic Hazard, Category 2

### **List of hazard warnings that are not not completely written out in sections 2 to 15**

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

#### **Further Information:**

This version replaces all previous editions.

The information in this safety data sheet corresponds, to the best of our knowledge, to the time of its creation. The information provided is based on our current understanding and does not constitute a guarantee of product properties or establish a contractual relationship. Users are advised that using a product for purposes other than its intended use may be hazardous. The information is intended to provide guidance for safe handling, storage, processing, transportation, and disposal of the product mentioned in this safety data sheet. This information is not transferable to other products. If the product mentioned in this safety data sheet is mixed, blended, or processed with other materials, or subjected to any form of processing, the information provided in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the resulting new material. The information provided in the safety data sheet does not relieve the user of the obligation to inform themselves about applicable regulations and to comply with them. The user is solely responsible for taking the necessary precautions in handling the product. The legal regulations provided are intended to assist the user in fulfilling their obligations. No guarantee is given for accuracy and completeness. It is the responsibility of the user to ensure that they have no further obligations beyond those specified herein.

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