## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : TURMOGREASE ALN 1001/0 - HILTI

**Revision date:** 08.07.2025 **Version (Revision):** 3.0.0 (2.7.0)

**Print date:** 12.08.2025

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

## 1.1 Product identifier

TURMOGREASE ALN 1001/0 - HILTI

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

#### **Relevant identified uses**

**Product Categories [PC]** 

PC24 - Lubricants, greases, release products

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

# Supplier (manufacturer/importer/only representative/downstream user/distributor)

Lubricant Consult GmbH

**Street:** Gutenbergstraße 13

Postal code/city: 63477 MAINTAL (GERMANY)

**Telephone:** +49 6109/7650-0 **Telefax:** +49 6109/7650-51 **E-mail:** msds-request@lubcon.com

Information contact: Environment, Health & Safety: Dr. Jens Matthes

#### 1.4 Emergency telephone number

+49 6109/7650-0

Monday to Friday 8:00 AM to 4:00 PM (CET)

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

## Classification according to Regulation (EC) No 1272/2008 [CLP]

Aquatic Chronic 3; H412 - Hazardous to the aquatic environment: Chronic 3; Harmful to aquatic life with long lasting effects.

STOT RE 2; H373 - STOT-repeated exposure : Category 2; May cause damage to organs through prolonged or repeated exposure.

## 2.2 Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard pictograms** 



Health hazard (GHS08)

## Signal word

Warning

## Hazard components for labelling

Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS No.: 80939-62-4

#### **Hazard statements**

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** 

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P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P314 Get medical advice/attention if you feel unwell.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains Reaction mass of N,N-bis(2-ethylhexyl)-methyl-Benzotriazole- methanamine. May

produce an allergic reaction.

#### 2.3 Other hazards

None

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

## **Hazardous ingredients**

Chlorinated paraffin (C14-17); Medium-chained (MCCP); REACH registration No.: 01-2119519269-33-xxxx; EC No.: 287-

477-0; CAS No.: 85535-85-9

Weight fraction :  $\geq 1 - < 3 \%$ 

Classification 1272/2008 [CLP]: Lact.; H362 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; REACH registration No.: 01-2119976322-36-xxxx; EC

No.: 279-632-6; CAS No.: 80939-62-4

Weight fraction :  $\geq 1 - < 5 \%$ 

Classification 1272/2008 [CLP]: STOT RE 1; H372 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411 Reaction mass of N,N-bis(2-ethylhexyl)-methyl-Benzotriazole- methanamine; REACH registration No.: 01-2119982395-25-

xxxx; EC No.: 939-700-4

Weight fraction :  $\geq$  0,1 - < 0,5 %

Classification 1272/2008 [CLP]: Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 2;

H411

#### **Further ingredients**

SHC (Synthetic hydrocarbon)

Polyurea

Metallic soap

Additives not to declare

## This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH

Chlorinated paraffin (C14-17); Medium-chained (MCCP); REACH registration No.: 01-2119519269-33-xxxx; EC No.: 287-477-0; CAS No.: 85535-85-9

#### **Additional information**

Full text of H- and EUH-phrases: see section 16.

#### **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

#### **General information**

When in doubt or if symptoms are observed, get medical advice.

## Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

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#### In case of skin contact

Remove contaminated, saturated clothing immediately. Wash immediately with: Water and soap In case of skin irritation, consult a physician.

## After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

## **After ingestion**

Rinse mouth immediately and drink plenty of water. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No information available.

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

None

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

## Suitable extinguishing media

Dry extinguishing powder. Carbon dioxide (CO2). ABC-powder. BC-powder. Foam. Dry sand.

## Unsuitable extinguishing media

Water. Strong water jet. High power water jet.

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

Hazardous combustion products: Carbon monoxide (CO). Carbon dioxide (CO2). Burning produces heavy smoke.

## 5.3 Advice for firefighters

Use suitable breathing apparatus.

#### 5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **SECTION 6: Accidental release measures**

Special danger of slipping by leaking/spilling product.

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

None

## 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Ensure waste is collected and contained. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

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

Take up mechanically, placing in appropriate containers for disposal. Soak up inert absorbent and dispose as waste requiring special attention. Suitable material for taking up: Universal binder. Kieselguhr.

## 6.4 Reference to other sections

None

#### **SECTION 7: Handling and storage**



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## 7.1 Precautions for safe handling

#### **Protective measures**

It is recommended to design all work processes always so that the following is excluded: Generation/formation of mist. Avoid: Inhalation of vapours or spray/mists. Skin contact, Eye contact. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

## 7.2 Conditions for safe storage, including any incompatibilities

## Hints on joint storage

Storage class (TRGS 510): 11

Keep away from

Food and feedingstuffs

## Further information on storage conditions

Keep/Store only in original container. Keep container tightly closed. Protect against UV-radiation/sunlight. Humidity. Contact with air/oxygen. Dust deposits.

## 7.3 Specific end use(s)

None

## **SECTION 8: Exposure controls/personal protection**

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Take the precautions customary when handling chemicals. Change contaminated, saturated clothing. Keep away from sources of ignition - No smoking.

#### 8.1 Control parameters

#### **DNEL/DMEL and PNEC values**

## **DNEL/DMEL**

Limit value type: DNEL Consumer (systemic) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP);

CAS No.: 85535-85-9)

Exposure route: Oral

Exposure frequency: Long-term (repeated)
Limit value: = 0,58 mg/kg/d

Limit value type: DNEL Consumer (systemic) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP);

CAS No.: 85535-85-9)

Exposure route : Inhalation

Exposure frequency: Long-term (repeated)

Limit value :  $= 2 \text{ mg/m}^3$ 

Limit value type: DNEL Consumer (systemic) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP);

CAS No.: 85535-85-9)

Exposure route: Dermal

Exposure frequency: Long-term (repeated)
Limit value: = 28,75 mg/kg/d

Limit value type: DNEL/DMEL (Workers) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP); CAS

No.: 85535-85-9)

Exposure route : Dermal

Exposure frequency : Long-term (repeated)
Limit value : = 47,9 mg/kg/d

Limit value type : DNEL/DMEL (Workers) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP) ; CAS

No.: 85535-85-9)

Exposure route: Inhalation

Exposure frequency : Long-term (repeated) Limit value :  $= 6.7 \text{ mg/m}^3$ 

Limit value type: DNEL Consumer (systemic) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Exposure route: Inhalation

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Exposure frequency : Long-term Limit value :  $= 0.07 \text{ mg/m}^3$ 

Limit value type: DNEL Consumer (systemic) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Exposure route: Dermal

Exposure frequency: Long-term (repeated)
Limit value: = 0,02 mg/kg

Limit value type: DNEL Consumer (systemic) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Exposure route : Oral

Exposure frequency : Long-term (repeated) Limit value : = 0.02 mg/kg

Limit value type: DNEL worker (systemic) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

 $\begin{array}{lll} \mbox{Exposure route}: & \mbox{Inhalation} \\ \mbox{Exposure frequency}: & \mbox{Long-term} \\ \mbox{Limit value}: & = 0,395 \mbox{ mg/m}^3 \\ \end{array}$ 

Limit value type: DNEL worker (systemic) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Exposure route : Dermal

Exposure frequency : Long-term (repeated) Limit value : = 0,056 mg/kg

Limit value type: DNEL Consumer (systemic) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Exposure route: Inhalation

 $\begin{array}{ll} \mbox{Exposure frequency:} & \mbox{Long-term (repeated)} \\ \mbox{Limit value:} & = 0,3 \mbox{ mg/m}^3 \\ \end{array}$ 

Limit value type: DNEL Consumer (systemic) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Exposure route : Dermal

Exposure frequency : Long-term (repeated) Limit value : = 0.2 mg/kg

Limit value type : DNEL Consumer (systemic) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Exposure route : Oral

Exposure frequency: Long-term (repeated)
Limit value: = 0,2 mg/kg

Limit value type: DNEL worker (systemic) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-Benzotriazole-

methanamine)

Exposure route : Dermal

Exposure frequency: Long-term (repeated)
Limit value: = 0,4 mg/kg

Limit value type : DNEL worker (systemic) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-Benzotriazole-

methanamine )

Exposure route : Inhalation

Exposure frequency : Long-term (repeated) Limit value :  $= 1,3 \text{ mg/m}^3$ 

**PNEC** 

Limit value type : PNEC (Aquatic, freshwater) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP) ;

CAS No.: 85535-85-9)

Exposure route: Water (Including sewage plant)

Limit value :  $= 1 \mu g/I$ 

Limit value type : PNEC (Aquatic, marine water) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP)

; CAS No.: 85535-85-9)

Exposure route: Water (Including sewage plant)

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Limit value :  $= 0.2 \mu g/I$ 

Limit value type: PNEC (Sediment, freshwater) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP);

CAS No.: 85535-85-9)

Exposure route: Water (Including sewage plant)

Limit value : = 13 mg/kg dw

Limit value type: PNEC (Sediment, marine water) ( Chlorinated paraffin (C14-17); Medium-chained

(MCCP); CAS No.: 85535-85-9)

Exposure route : Water (Including sewage plant)

Limit value : = 2,6 mg/kg dw

Limit value type: PNEC Soil ( Chlorinated paraffin (C14-17); Medium-chained (MCCP); CAS No.: 85535-

85-9)

Exposure route : Soil

Limit value : = 11,9 mg/kg dw

Limit value type: PNEC (Secondary poisoning) ( Chlorinated paraffin (C14-17); Medium-chained (MCCP);

CAS No.: 85535-85-9)

Limit value : = 10 mg/kg food

Limit value type : PNEC (Sewage treatment plant) ( Chlorinated paraffin (C14-17); Medium-chained

(MCCP); CAS No.: 85535-85-9)

Limit value : = 80 mg/l

Limit value type: PNEC (Aquatic, freshwater) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Limit value : = 0.055 mg/l

Limit value type: PNEC (Aquatic, intermittent release) ( Amines, C11-14-branched alkyl, monohexyl and

dihexyl phospha tes; CAS No.: 80939-62-4)

Limit value : = 0.01 mg/

Limit value type: PNEC (Aquatic, marine water) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes ; CAS No. : 80939-62-4 )

Limit value : = 0,0055 mg/l

Limit value type : PNEC (Sediment, freshwater) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Limit value : = 239,64 mg/kg

Limit value type: PNEC (Sediment, marine water) ( Amines, C11-14-branched alkyl, monohexyl and

dihexyl phospha tes; CAS No.: 80939-62-4)

Limit value : = 23,96 mg/kg

Limit value type: PNEC Soil ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS

No.: 80939-62-4)

Limit value : = 47,76 mg/kg

Limit value type: PNEC (Sewage treatment plant) ( Amines, C11-14-branched alkyl, monohexyl and

dihexyl phospha tes; CAS No.: 80939-62-4)

Limit value : = 1 mg/l

Limit value type : PNEC (Aquatic, freshwater) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine)

Limit value : = 0,00098 mg/l

Limit value type : PNEC (Aquatic, intermittent release) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Limit value : = 0,00976 mg/l

Limit value type: PNEC (Aquatic, marine water) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Limit value : = 0,0001 mg/l

Limit value type: PNEC (Sediment, freshwater) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Limit value : = 0,0121 - 4,23 mg/kg

Limit value type : PNEC (Sediment, marine water) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Limit value : = 0,00121 - 0,423 mg/kg

Limit value type: PNEC Soil ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-Benzotriazole-

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methanamine )

Limit value : = 0,00184 - 0,842 mg/kg

Limit value type: PNEC (Sewage treatment plant) ( Reaction mass of N,N-bis(2-ethylhexyl)-methyl-

Benzotriazole- methanamine )

Limit value : = 0,69 mg/l

## 8.2 Exposure controls

## **Personal protection equipment**

#### **Eye/face protection**

Use safety glasses. Avoid: Eye contact. **Recommended eye protection articles** 

**DIN EN 166** 

## Skin protection

## Hand protection

Wear suitable gloves.

**By long-term hand contact**: Tested protective gloves must be worn.

**Suitable material**: PE (Polyethylene). NR (natural rubber, natural latex). NBR (Nitrile rubber). **Breakthrough time (maximum wearing time)**: PE < 30 min.; NR < 10 min.; NBR > 480 min.

Thickness of the glove material: min. 0,38 mm

Recommended glove articles: EN ISO 374; DIN EN 420 Uvex. KCL, MAPA. Or comparable articles from other

companies.

#### Respiratory protection

No special measures are necessary. Avoid: Inhalation of vapours or spray/mists

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

**Colour:** light beige

## Safety relevant basis data

Physical state :			flowing	
Initial boiling point and boiling range:	( 1013 hPa )	>	300	°C
Decomposition temperature :	( 1013 hPa )	>	200	°C
Flash point :	( 1013 hPa )	>	200	°C
Vapour pressure :	(50°C)	<	0,1	hPa
Density:	( 20 °C )	=	0,85	a/cm <sup>3</sup>

## 9.2 Other information

None

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

No information available.

#### 10.2 Chemical stability

The product is stable.

## 10.3 Possibility of hazardous reactions

Strong acid Strong alkali.

#### 10.4 Conditions to avoid

No information available.

## 10.5 Incompatible materials

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Oxidising agent, strong.

## 10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO2). Gases/vapours, harmful.

## **SECTION 11: Toxicological information**

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

By analogy:

#### **Acute oral toxicity**

Parameter: LD50
Exposure route: Oral
Species: Rat

Effective dose: > 2000 mg/kg

Acute dermal toxicity

Parameter: LD50

Exposure route: Dermal

Species: Rabbit

Effective dose: > 2000 mg/kg

#### **Irritant and corrosive effects**

#### Primary irritation to the skin

Parameter: Primary irritation to the skin ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Species: Rabbit
Result: Irritant
Method: OECD 404

**Irritation to eyes** 

Parameter: Irritation to eyes ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha

tes; CAS No.: 80939-62-4)

Species: Rabbit
Result: Irritant
Method: OECD 405

#### 11.2 Information on other hazards

No information available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

## Aquatic toxicity

#### Acute (short-term) fish toxicity

Parameter: LC50 ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS No.

: 80939-62-4)

Species: Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter: Acute (short-term) fish toxicity

 $\begin{array}{lll} \mbox{Effective dose}: & = 5,5 \mbox{ mg/l} \\ \mbox{Exposure time}: & 96 \mbox{ h} \\ \mbox{Method}: & \mbox{OECD 203} \\ \end{array}$ 

Acute (short-term) daphnia toxicity

Parameter: EC50 ( Chlorinated paraffin (C14-17); Medium-chained (MCCP); CAS No.: 85535-85-9

)

Species: Daphnia magna (Big water flea)

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Evaluation parameter: Acute (short-term) daphnia toxicity

Effective dose : = 0,0059 mg/l

Parameter: EC0 ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS No.

: 80939-62-4)

Species: Daphnia magna (Big water flea)
Evaluation parameter: Acute (short-term) daphnia toxicity

Effective dose : >= 1 mg/lExposure time : 48 hMethod : OECD 202

Parameter: NOEC acute ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes;

CAS No.: 80939-62-4)

Species: Daphnia magna (Big water flea)
Evaluation parameter: Chronic (long-term) daphnia toxicity

 $\begin{array}{lll} \mbox{Effective dose:} & > 10 \mbox{ mg/l} \\ \mbox{Exposure time:} & 21 \mbox{ d} \\ \mbox{Method:} & \mbox{OECD 211} \end{array}$ 

Chronic (long-term) daphnia toxicity

Parameter: NOEC ( Chlorinated paraffin (C14-17); Medium-chained (MCCP); CAS No.: 85535-85-

9)

Species: Daphnia magna (Big water flea)
Evaluation parameter: Chronic (long-term) daphnia toxicity

Effective dose : = 0.01 mg/l

Acute (short-term) algae toxicity

Parameter: EC50 ( Chlorinated paraffin (C14-17); Medium-chained (MCCP); CAS No.: 85535-85-9

)

Species: Selenastrum capricornutum
Evaluation parameter: Acute (short-term) algae toxicity

Effective dose : > 3,2 mg/lExposure time : 72 hour(s)

Parameter: EC50 ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS No.

: 80939-62-4)

Species: Pseudokirchneriella subcapitata
Evaluation parameter: Acute (short-term) algae toxicity

 Effective dose :
 > 10 mg/l

 Exposure time :
 72 h

 Method :
 OECD 201

Parameter: EC10 ( Amines, C11-14-branched alkyl, monohexyl and dihexyl phospha tes; CAS No.

: 80939-62-4)

Species: Pseudokirchneriella subcapitata Evaluation parameter: Inhibition of growth rate

 $\begin{array}{ll} \mbox{Effective dose:} & > 4,9 \mbox{ mg/l} \\ \mbox{Exposure time:} & 72 \mbox{ h} \\ \mbox{Method:} & \mbox{OECD 201} \\ \end{array}$ 

12.2 Persistence and degradability

**Biodegradation** 

Overall evaluation on the mixture: Not readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

Parameter: Bioconcentration factor (BCF) ( Amines, C11-14-branched alkyl, monohexyl and dihexyl

phospha tes; CAS No.: 80939-62-4)

Bioconcentration factor (BCF)

Concentration: 0,85 - 278
Method: Estimated

Parameter: Partition coefficient: n-octanol/water ( Chlorinated paraffin (C14-17); Medium-chained

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(MCCP); CAS No.: 85535-85-9)

Concentration: = 5.5 - 8

## 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

The mixture contains substances fulfilling the PBT-/vPvB criteria according to REACH Annex XIII: Chlorinated paraffin (C14-17); Medium-chained (MCCP).

## 12.6 Endocrine disrupting properties

Endocrine disrupting potential: Ingredients cause disorders of the hormonal system. The product contains Chlorinated paraffin (C14-17); Medium-chained (MCCP).

## 12.7 Other adverse effects

This product does not contain nanoparticles.

#### 12.8 Overall evaluation

If product enters soil, it will be mobile and may contaminate groundwater. In accordance with the required stability the product is poorly biodegradable.

## **SECTION 13: Disposal considerations**

Dispose according to legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### 13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Collect the waste separately. Evidence for disposal must be provided.

## **Product/Packaging disposal**

## Waste codes/waste designations according to EWC/AVV

#### Waste code product

If recycling is not possible, dispose of the product in accordance with local regulations. Dispose of contents / container to a recognised waste disposal facility.

## Waste code packaging

Observe the local official regulations for disposal. Packaging that cannot be cleaned must be disposed of in the same way as the substance. Completely empty containers must be taken to a recognised waste disposal facility for recycling or disposal.

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

## 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

#### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

## 14.4 Packing group

No dangerous good in sense of these transport regulations.

#### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

## 14.6 Special precautions for user

None

## 14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

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## **SECTION 15: Regulatory information**

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

## **National regulations**

#### Restrictions of occupation

Swiss Maternity Protection Ordinance (SR 822.111.52): Pregnant women and nursing mothers are only allowed to get in contact with or be exposed to this preparation in the course of their work when it is established on the basis of a risk assessment by a specialist, that in context with the activities and the protection measures applied, exposure does no harm to mother and child.

#### Water hazard class (WGK)

Class: 2 (Significant hazardous to water) Classification according to AwSV

#### Other regulations, restrictions and prohibition regulations

General Water Assessment Methodology (ABM) of the Netherlands: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Part of substances from the ZZS category (Zeer Zorgwekkende Stoffen = Substances of very high concern): < 2 %.

#### **Switzerland**

#### **VOCV-Regulation**

Volatile organic compounds (VOC) content in percent by weight: 0 %

#### **Additional information**

#### TSCA (Toxic Substances Control Act) - USA, United States of America

All chemical substances in this mixture are included on or are exempted from listing on the TSCA Inventory for Chemical Substances.

#### California Proposition 65 - State of California

No substances listed in the California Safe Drinking Water and Toxic Enforcement Act of 1986 ("California Proposition 65 List") with respect to the version valid at the date of compilation of this Material Safety Data Sheet, are intentionally added to our product.

## 15.2 Chemical safety assessment

No information available.

## **SECTION 16: Other information**

#### 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients

## 16.2 Abbreviations and acronyms

None

## 16.3 Key literature references and sources for data

Includes supplements in accordance with Regulation (EU) 2020/878 of June 18, 2020

# Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The statement is derived from the properties of the single components.

## 16.5 Relevant H- and EUH-phrases (Number and full text)

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H362 May cause harm to breast-fed children.

H372 Causes damage to organs through prolonged or repeated exposure.

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## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : TURMOGREASE ALN 1001/0 - HILTI

**Revision date :** 08.07.2025 **Version (Revision) :** 3.0.0 (2.7.0)

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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.

## 16.6 Training advice

None

## 16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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