

# Turmogrease ALN 1001/00

## Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Version:1.0

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Supersedes:

## SECTION 1 Chemical product and company identification

### Product identifier

Product form	Mixture
Product name	Turmogrease ALN 1001/00
Product code	ETA Lubricants
Chemical Chinese name	
Chemical English name	
Recommended use of the chemical	Lubricants, Greases and Release Products For professional use only
Restricted use of the chemical	For professional use only

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

<b>Supplier</b> Hilti (China) Trading Co., Ltd. 耀元路 58 号环球都会广场 2 号楼 8 层 浦东新区 200126 上海 T +86 21 6016 7316	<b>Department issuing data specification sheet</b> Hilti Entwicklungsgesellschaft mbH Hiltistraße 6 86916 Kaufering - Deutschland T +49 8191 906876 <a href="mailto:anchor.hse@hilti.com">anchor.hse@hilti.com</a>
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### Emergency telephone number

Emergency number	Schweizerisches Toxikologisches Informationszentrum - 24h Service +41 44 251 51 51 (international)
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Country	Organisation/Company	Address	Emergency number
China	中国境内化学事故应急咨询电话 / chemical accident emergency consultation service hotline (24/7)		+86 532 83889090

## SECTION 2 Hazards identification

### Emergency overview

May cause harm to breast-fed children. Harmful to aquatic life with long lasting effects. Stable under normal conditions of use. Use personal protective equipment as required.

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### GHS hazard classification

Health hazards	Reproductive toxicity, Additional category, Effects on or via lactation
Environmental hazards	Hazardous to the aquatic environment - Chronic hazard, Category 3
Other hazards not mentioned above are	Not applicable or No data is available.

### Label elements

Hazard statements (GHS CN)	H362 - May cause harm to breast-fed children H412 - Harmful to aquatic life with long lasting effects.
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### Precautionary statements (GHS CN)

Prevention measures	P263 - Avoid contact during pregnancy/while nursing. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
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### Physical and chemical hazards

No additional information available

### Health hazards

May cause harm to breast-fed children	
Symptoms/effects	No information available

### Environmental hazards

Harmful to aquatic life with long lasting effects

### Other hazards

No additional information available

## SECTION 3 Composition/information on ingredients

Product form Mixture.

Ingredient(s)	Concentration or concentration ranges (w/w %)	CAS No.
Alkanes, C14-17, chloro (MCCP)	0.1 - 1	85535-85-9

## SECTION 4 First-aid measures

### Description of necessary first-aid measures

First-aid measures general	In all cases of doubt, or when symptoms persist, seek medical attention
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.



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Personal Precautions, Protective Equipment and Emergency Procedures	No additional information available
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### For non-emergency personnel

Protective equipment	No information available
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### For emergency responders

Protective equipment	For further information refer to section 8: "Exposure controls/personal protection"
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### Environmental precautions

Avoid release to the environment  
Do not allow to enter drains or water courses  
Prevent liquid from entering sewers, watercourses, underground or low areas

### Methods and material for containment and cleaning up

Methods for cleaning	No additional information available
For containment	No additional information available

### Prevention measures for secondary accidents

Prevention Measures for Secondary Accidents	No additional information available
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## SECTION 7 Handling and storage

### Handling

Precautions for safe handling	Avoid contact during pregnancy/while nursing Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work
Local and general ventilation	No additional information available

### Storage

Storage conditions	Avoid direct sunlight, high temperature, high humidity. Store in a cool place (temperature: -20 ° C ~ 40 ° C, humidity: 45 - 85%)
Material used in packaging/containers	No additional information available
Storage area	Protect from humidity and water
Special rules on packaging	Keep only in original container. Store in a closed container.

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### SECTION 8 Exposure controls / Personal protection equipment

#### Occupational exposure limits

No additional information available

#### Biological limit values

No additional information available

#### Monitoring methods

No additional information available

#### Appropriate engineering controls

No additional information available

#### Personal protective equipment

Personal protective equipment	Safety glasses Gloves
Environmental exposure controls	Do not eat and do not drink during use Do not allow product to spread into the environment
Consumer exposure controls	Avoid contact during pregnancy/while nursing.
Materials for protective clothing	Butyl-rubber protective gloves Nitrile rubber
Hand protection	No additional information available
Eye protection	EN 166
Skin and body protection	Wear suitable gloves
Respiratory protection	No additional information available
Personal protective equipment symbol(s)	



### SECTION 9 Physical and chemical properties

Physical state	Liquid
Appearance	No data available
Colour	yellow beige
Odour	No data available
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	> 300 °C
Flash point	> 200 °C
Auto-ignition temperature	No data available
Decomposition temperature	> 200 °C.
Vapour pressure	< 0.1 hPa

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Relative vapour density at 20° C	No data available
Density	0.85 g/cm <sup>3</sup>
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Radioactive	No

### SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions
Reactivity	No additional information available
Possibility of hazardous reactions	Strong acids Strong bases
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon dioxide Carbon monoxide Toxic gases
Other properties	No additional information available

### SECTION 11 Toxicological information

#### Acute toxicity

Acute toxicity (oral)	No data available
Acute toxicity (dermal)	No data available
Acute toxicity (inhalation)	No data available

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LD50 oral rat	> 2000
LD50 dermal rat	> 2000

#### Alkanes, C14-17, chloro (MCCP) (85535-85-9)

LD50 oral rat	> 4000 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	15000 mg/kg
LD50 dermal rabbit	> 13500 mg/kg bodyweight (24 h, Rabbit, Read-across, Dermal)
LC50 Inhalation - Rat	> 48.17 mg/l air (1 h, Rat, Read-across, Inhalation (vapours))

#### Skin corrosion/irritation

Skin corrosion/irritation	No data available
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#### Serious eye damage/eye irritation

Serious eye damage/irritation	No data available
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### Respiratory or skin sensitisation

Respiratory or skin sensitisation                      No data available

### Germ cell mutagenicity

Germ cell mutagenicity                                      No data available

### Carcinogenicity

Carcinogenicity    No data available

### Reproductive toxicity

Reproductive toxicity                                      May cause harm to breast-fed children.

### STOT - single exposure

STOT-single exposure                                      No data available

### STOT - repeated exposure

STOT-repeated exposure                                  No data available

### Aspiration hazard

Aspiration hazard    No data available

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Density    0.85 g/cm<sup>3</sup>

## SECTION 12 Ecological information

### Ecotoxicity

Hazardous to the aquatic environment, short-term (acute)                      No data available

Hazardous to the aquatic environment, long-term (chronic)                      Harmful to aquatic life with long lasting effects.

### Alkanes, C14-17, chloro (MCCP) (85535-85-9)

LC50 - Fish [1]	> 5000 mg/l (Equivalent or similar to OECD 203, 96 h, Alburnus alburnus, Static system, Brackish water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	0.0059 mg/l
ErC50 algae	> 3.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC chronic crustacea	0.0087 mg/l
BCF - Fish [1]	6660 - 9140 l/kg (OECD 305: Bioconcentration: Flow-Through Fish Test, 35 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, Fresh weight)

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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	5 - 5.2 (log Koc, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	4.7 - 8.3 (Experimental value, Equivalent or similar to OECD 117)

### Persistence and degradability

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Not rapidly degradable Yes  
 Persistence and degradability Not rapidly degradable

Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Not rapidly degradable	Yes
Persistence and degradability	Not readily biodegradable in the soil Not readily biodegradable in water

### Bioaccumulative potential

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Bioaccumulative potential No additional information available

Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000)
BCF - Fish [1]	See section 12.1 on ecotoxicology 6660 - 9140 l/kg (OECD 305: Bioconcentration: Flow-Through Fish Test, 35 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.7 - 8.3 (Experimental value, Equivalent or similar to OECD 117)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	5 - 5.2 (log Koc, Experimental value)

### Mobility in soil

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Bioaccumulative potential No additional information available  
 Additional information No information available

Alkanes, C14-17, chloro (MCCP) (85535-85-9)	
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000)
Partition coefficient n-octanol/water (Log Pow)	4.7 - 8.3 (Experimental value, Equivalent or similar to OECD 117)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	5 - 5.2 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

### Other adverse effects

Classification procedure (Ozone) No data available



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### SECTION 13 Disposal considerations

<b>Waste treatment methods</b>	Dispose in a safe manner in accordance with local/national regulations.
<b>Contaminated container and packaging</b>	No additional information available
<b>Additional information</b>	No additional information available
<b>Regional legislation (waste)</b>	Disposal must be done according to official regulations

### SECTION 14 Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not applicable

##### Air transport

Not applicable

##### Rail transport

Not applicable

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

Not applicable

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### SECTION 15 Regulatory information

New Chemical Substance Environmental Management Registration Measures (MEE Order 12 of 2020)

Inventory of Existing Chemical Substances in China (IECSC) Listed

Regulations on the Safe Management of Hazardous Chemicals (Decree 591 of the State Council)

Catalogue of Hazardous Chemicals (2015) Not listed

Identification of major hazard installations for dangerous chemicals (GB 18218) Not listed

Catalogue of Severely Restricted Toxic Chemicals Not listed

Catalogue of Explosive Precursor Dangerous Chemicals Not listed

Catalogue of Hazardous Chemicals Prohibited from Inland Waterway Transport Not listed

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

List of Highly Toxic Substances Not listed

Regulations on Administration of Chemicals Subjected to Supervision and Control

Catalogue of Controlled Chemicals Not listed

Regulation on the Administration of Precursor Chemicals (Decree 445 of the State Council)

Catalogue of Precursor Chemicals Not listed

Regulations on Administration of Ozone Depleting Substances (Decree 573 of the State Council)

List of Ozone-Depleting Substances under Control in China Not listed

Other domestic regulatory lists

Dangerous Goods List (GB 12268-2012) Not listed

List of Export Control of Chemical Agents and Related Equipment and Technologies Not listed

List of Goods Prohibited from Export (No. 3) or Import (No. 6) Not listed

Inventory of Hazardous Chemicals under Key Supervision Not listed

### SECTION 16 Other information

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.