

# CFS-T LUB

依据标准：GB/T 16483, GB/T 17519-2013

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## SECTION 1 Chemical product and company identification

### Product identifier

Product form Mixture  
Trade name CFS-T LUB  
Chemical name

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

Hilti (China) Ltd.  
8F, Tower 2, No.58 Yao Yuan Rd.  
Pudong District  
200126 Shanghai - China  
T +86 21 6016 7316  
[cncs@hilti.com](mailto:cncs@hilti.com)

### Supplier

Hilti (China) Ltd.  
8F, Tower 2, No.58 Yao Yuan Rd.  
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### Department issuing data specification sheet

Hilti AG  
Feldkircherstraße 100  
9494 Schaan - Liechtenstein  
T +423 234 2111  
[chemicals.hse@hilti.com](mailto:chemicals.hse@hilti.com)

### Emergency telephone number

Emergency number Schweizerisches Toxikologisches Informationszentrum -  
24h Service  
+41 44 251 51 51 (international)  
+86 21 6016 7320  
800-820-2585 (Toll Free)

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)		400-6267-911

## SECTION 2: Hazards identification

### Emergency overview

### GHS classification

Other hazards not mentioned above are Not applicable or No data is available.

### GHS CN labelling

Precautionary statements

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according to the United Nations GHS (Rev. 4, 2011)

(GHS CN)

### Additional information

## SECTION 3: Composition/information on ingredients

Product form Mixture

## SECTION 4: First aid measures

### Emergency

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### Most Important Symptoms/Effects

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
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### Personal Protection in First Aid and Measures

Notes for the doctor

## SECTION 5 Fire fighting measures

### Extinguishing media

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

### Special hazard

Hazardous decomposition products in case of fire	Formation of toxic gases is possible during heating or in case of fire.
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### Advice for firefighters and protective measures

Firefighting instructions	Use water spray or fog for cooling exposed containers Exercise caution when fighting any chemical fire Prevent fire fighting water from entering the environment
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Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection
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### SECTION 6: Accidental release measures

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

General measures	In case of spills, beware of slippery floors and surfaces
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#### For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel.
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#### For emergency responders

Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Ventilate area.

#### Environmental precautions

Environmental precautions	Avoid release to the environment Prevent entry to sewers and public waters Notify authorities if liquid enters sewers or public waters
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#### Methods and Equipment for Containment and Cleaning up

#### Prevention Measures for Secondary Accidents

### SECTION 7 Handling and storage

#### Handling

Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work Provide good ventilation in process area to prevent formation of vapour
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#### Storage

Storage conditions	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls / Personal protection equipment

#### Occupational Exposure Limits

No additional information available

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### Biological limit values

No additional information available

### Monitoring methods

### Personal protective equipment

Personal protective equipment      Avoid all unnecessary exposure  
 Protective goggles  
 Protective clothing  
 Gloves

Other information      Do not eat, drink or smoke during use

Hand protection      Wear protective gloves.  
 The permeation time is not the maximum wearing time!  
 Generally speaking, it must be reduced. Contact with  
 either mixtures of substances or different substances  
 may shorten the protective function's effective  
 duration.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR).	6 (> 480 minutes).	<=0,38		

Eye protection      Chemical goggles or safety glasses

Skin and body protection      Wear suitable protective clothing

Respiratory protection      Wear appropriate mask



## SECTION 9 Physical and chemical properties

Physical state      Solid

Appearance      Pasty

Colour      Beige

Odour      characteristic

Odour threshold (ppm)      No data available

Odour threshold (mg/m<sup>3</sup>)      No data available

pH      No data available

pH solution      No data available

Relative evaporation rate (butylacetate=1)      No data available

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Relative evaporation rate (ether=1)	No data available
Evaporation rate	No data available
Other properties	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Critical temperature	No data available
Vapour pressure	No data available
Vapour pressure at 50 ° C	No data available
Critical pressure	No data available
Relative vapour density at 20 ° C	No data available
Relative density	No data available
Relative density of saturated gas/air mixture	No data available
Density	1 g/cm <sup>3</sup>
Relative gas density	No data available
Solubility	insoluble in water.
Solubility in water	No data available
Solubility in ethanol	No data available
Solubility in ether	No data available
Solubility in acetone	No data available
Solubility in organic solvents	No data available
Log Pow	No data available
Log Kow	No data available
Explosive limits (g/m <sup>3</sup> )	No data available
Explosive limits (vol %)	No data available
Lower explosive limit (LEL)	No data available
Upper explosive limit (UEL)	No data available
Radioactive	No

### SECTION 10: Stability and reactivity

Chemical stability	Not established
Possibility of hazardous reactions	Not established
Conditions to avoid	Direct sunlight. Extremely high or low temperatures
Incompatible materials	Strong acids Strong bases

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Hazardous decomposition products	fume Carbon monoxide Carbon dioxide Toxic gases Toxic vapours may be released
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### SECTION 11: Toxicological information

#### Acute toxicity

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

#### Skin corrosion/irritation

Skin corrosion/irritation	No data available
pH	

#### Serious eye damage/irritation

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

Respiratory or skin sensitisation	No data available
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#### Germ cell mutagenicity

Germ cell mutagenicity	No data available
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#### Carcinogenicity

Carcinogenicity	No data available
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#### Reproductive toxicity

Reproductive toxicity	No data available
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#### STOT-single exposure

STOT-single exposure	No data available
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#### STOT-repeated exposure

STOT-repeated exposure	No data available
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### Aspiration hazard

Aspiration hazard    No data available

CFS-T LUB	
Human evidence for classification	No
Not able to form a pool	No
Hydrocarbon	No
Aliphatic, alicyclic or aromatic hydrocarbon	No
Polycyclic-aromatic hydrocarbons	No
Density	1 g/cm <sup>3</sup>

## SECTION 12: Ecological information

### Toxicity

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

Hazardous to the aquatic environment, long-term (chronic)    No data available

### Persistence and degradability

CFS-T LUB	
Not rapidly degradable	No
Persistence and degradability	Not established

### Bioaccumulative potential

CFS-T LUB	
Bioaccumulative potential	Not established

### Mobility in soil

CFS-T LUB	
Ecology - soil	Not established

### Other adverse effects

Classification procedure (Ozone)    No data available

Other information    Avoid release to the environment.

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### Results of PBT and vPvB assessment

### SECTION 13: Disposal considerations

Product/Packaging disposal recommendations      Dispose in a safe manner in accordance with local/national regulations

Ecology - waste materials      Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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

### Special precautions for user

- Overland transport

- Transport by sea

No data available

- Air transport

No data available

- Rail transport

Carriage prohibited (RID)      No

### Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information



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### SECTION 16 Other information

Compiled according to GB/T 16483, GB/T 17519

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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.*