

# Hilti Spray

## Safety Data Sheet

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

Version:1.2

Revision date: 2022/01/27

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Supersedes: 2016/02/16

## SECTION 1 Chemical product and company identification

### Product identifier

Product form	Mixture
Product name	Hilti Spray
Product code	BU Direct Fastening
Chemical Chinese name	Hilti 润滑剂
Chemical English name	Hilti Spray



Recommended use of the chemical	For professional use only Lubricant
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### Details of the supplier of the safety data sheet

#### Supplier

喜利得（中国）商贸有限公司  
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

#### Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH  
Hiltistrasse 6  
86916 Kaufering - Deutschland  
T +49 8191 906310 - F +49 8191 90176310  
[df-hse@hilti.com](mailto:df-hse@hilti.com)

### 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

Yellow. Use personal protective equipment as required. Equip cleanup crew with proper protection. Ventilate area

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### GHS hazard classification

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

### Label elements

No data available

### Physical and chemical hazards

No additional information available

### Health hazards

Symptoms/effects No information available

### Environmental hazards

No additional information available

### Other hazards

No additional information available

## SECTION 3 Composition/information on ingredients

Product form Mixture.

This mixture does not contain any substance to be mentioned according to the criteria of section 3 of GB/T 17519-2013

## SECTION 4 First-aid measures

### Description of necessary first-aid measures

First-aid measures general	Take off immediately all contaminated clothing. 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	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest
First-aid measures after skin contact	Wash contaminated clothing before reuse. Wash with plenty of water/... If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists
First-aid measures after ingestion	Rinse mouth. Get medical advice/attention.

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Do not induce vomiting.  
Obtain emergency medical attention

### Most important symptoms/effects

Symptoms/effects No information available

### Advices for first aid responders

No additional information available

### Notes for the doctor

Other medical advice or treatment No additional information available

## SECTION 5 Fire-fighting measures

### Extinguishing media

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

### Specific hazards

Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide Carbon monoxide
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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
Protection during firefighting	Self-contained breathing apparatus Do not enter fire area without proper protective equipment, including respiratory protection

## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

General measures	Spilled material may present a slipping hazard
Personal Precautions, Protective Equipment and Emergency Procedures	No additional information available

### For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel
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### For emergency responders

Protective equipment	Use personal protective equipment as required. Equip cleanup crew with proper protection
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Emergency procedures

Ventilate area

### Environmental precautions

No additional information available

### Methods and material for containment and cleaning up

Methods for cleaning

No additional information available

For containment

Collect spillage.

### Prevention measures for secondary accidents

Prevention Measures for Secondary  
Accidents

No additional information available

Other information

Dispose of materials or solid residues at an authorized site

## SECTION 7 Handling and storage

### Handling

Precautions for safe handling

No additional information available

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.

Local and general ventilation

No additional information available

### Storage

Storage conditions

Keep cool. Protect from sunlight.

Material used in packaging/containers

No additional information available

Incompatible materials

Sources of ignition. Direct sunlight. Moisture.

Storage temperature

5 - 25 ° C

## 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

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### Personal protective equipment

Personal protective equipment	Not required for normal conditions of use
Hand protection	No additional information available
Eye protection	No additional information available
Skin and body protection	No additional information available
Respiratory protection	No additional information available

### SECTION 9 Physical and chemical properties

Physical state	Liquid
Appearance	No data available
Colour	Yellow
Odour	No data available
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	300 ° C
Flash point	240 ° C
Auto-ignition temperature	No data available
Decomposition temperature	200 ° C.
Vapour pressure	No data available
Vapour pressure at 50 ° C	1 hPa
Relative vapour density at 20 ° C	No data available
Density	0.93 g/cm <sup>3</sup>
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	23.4 mm <sup>2</sup> /s (40 ° C)
Lower explosive limit (LEL)	No data available
Upper explosive limit (UEL)	No data available
Radioactive	No

### SECTION 10 Stability and reactivity

Reactivity	No additional information available
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	No additional information available
Conditions to avoid	No additional information available
Incompatible materials	Oxidizing agent Strong acids

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<b>Hazardous decomposition products</b>	Strong bases Carbon dioxide Carbon monoxide fume
<b>Other properties</b>	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

#### 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
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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
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Viscosity, kinematic	23.4 mm <sup>2</sup> /s (40 ° C)
Density	0.93 g/cm <sup>3</sup>

### SECTION 12 Ecological information

#### Ecotoxicity



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

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

No additional information available

### Persistence and degradability

No additional information available

### Bioaccumulative potential

No additional information available

### Mobility in soil

No additional information available

### Other adverse effects

Classification procedure (Ozone) No data available

### Results of PBT and vPvB assessment

PBT This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

vPvB This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 13 Disposal considerations

Waste treatment methods No additional information available

Contaminated container and packaging No additional information available

Additional information No additional information available

Product/Packaging disposal recommendations Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling.

Ecology - waste materials Avoid release to the environment.

Regional legislation (waste) 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 regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>			
Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	RID
<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			

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Rail transport

Not regulated

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

IBC code

Not applicable.



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### SECTION 15 Regulatory information

Rules for dangerous goods transport by railway	Not listed
Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used	Not listed
Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals	Not listed
Regulation of the People's Republic of China on the Administration of the Import and Export of Goods	Not listed
Regulation on the Control of Precursor Chemicals	Not listed
Regulation on the Management of Controlled Chemicals	Not listed

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

Inventory of Existing Chemical Substances in China (IECSC) : listed

#### Other domestic regulatory lists

Dangerous Goods List (GB 12268-2012) : Not listed

### SECTION 16 Other information

#### Indication of changes

Section	Changed item	Change	Comments
3.	Composition/information on ingredients.	Modified.	

SDS\_CN\_Hilti

*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.*