

# CP 679 A

## Safety Data Sheet

According to ICOP 2014

Issue date: 15/11/2022

Revision date: 12/12/2016

Supersedes: 15/11/2022

Version: 3.2

### SECTION 1: Identification of the hazardous chemical and of the supplier

#### 1.1. Product identifier

Name

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#### 1.2. Other means of identification

Product code

BU Fire Protection

#### 1.3. Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4. Supplier details

**Supplier**

Hilti (Malaysia) Sdn. Bhd.  
F-5-A, Sime Darby Brunfield Tower, No. 2, Jalan PJU 1A/7A  
Oasis Square, Oasis Damansara  
47301 Petaling Jaya, Selangor  
Malaysia  
T +60 3 5628 7222  
1800 880 985 toll free - F +60 3 7848 7399

**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)

#### 1.5. Emergency phone number

Emergency number

Schweizerisches Toxikologisches Informationszentrum – 24h Service  
+41 44 251 51 51 (international)  
+60 3 5628 7222  
1800 880 985 toll free

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)

Not classified

#### 2.2. Label elements

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)

No labelling applicable

#### 2.3. Other hazards that do not result in classification

Other hazards which do not result in classification      Repeated or prolonged skin contact may cause irritation

### SECTION 3: Composition and information of the ingredients of the hazardous chemical

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

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### SECTION 4: First-aid measures

#### 4.1. Description of necessary first aid measures

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	Get medical advice/attention if you feel unwell. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Get medical advice/attention if you feel unwell. Rinse mouth. Do NOT induce vomiting.

#### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	May cause an allergic skin reaction.

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Physicochemical hazards arising from the chemical

Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide.
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#### 5.3. Special protective equipment and precautions for fire fighters

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. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

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

Protective equipment	For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.
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#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	Mechanically recover the product. Collect spillage.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	Wear personal protective equipment. 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. Avoid breathing spray, vapours, mist.
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Hygiene measures	Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Keep cool. Store in a dry place. Keep container closed when not in use.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage temperature	5 – 25 °C

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

No additional information available

#### Exposure limit values for the other components

No additional information available

#### 8.1.1 Biological monitoring

No additional information available

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures, such as PPE

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

Physical state	Liquid
Appearance	Pasty.
Colour	white
Odour	characteristic
Odour threshold	Not determined
pH	5.7 – 6.5
Melting point	Not applicable
Freezing point	No data available

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Boiling point	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable, Non flammable.
Explosive limits	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Partition coefficient n-octanol/water (Log Kow)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	22000 – 34000 mPa.s
Density	1.28 – 1.42 g/cm <sup>3</sup>
Molecular mass	Not determined

### SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	Stable under normal conditions, Not established
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use, Not established
Conditions to avoid	None under recommended storage and handling conditions (see section 7), Direct sunlight, Extremely high or low temperatures
Incompatible materials	Strong acids, Strong bases
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced, fume, Carbon monoxide, Carbon dioxide

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion or irritation	Not classified pH: 5.7 – 6.5
Serious eye damage or eye irritation	Not classified
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (STOT) – single exposure	Not classified
Specific target organ toxicity (STOT) – repeated exposure	Not classified
Aspiration hazard	Not classified
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified
Other information	Avoid release to the environment.

### 12.2. Persistence and degradability

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Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

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Mobility in soil	No additional information available

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

## SECTION 13: Disposal information

### 13.1. Disposal methods

Waste treatment methods	Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	Avoid release to the environment.

## SECTION 14: Transportation information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
<b>14.1. UN 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

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### Transport by sea

Not applicable

### Air transport

Not applicable

### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health, and environmental regulations specific for the hazardous chemical in question

Regulation	Component/ Mixture
EHS Notification and Registration Scheme	
Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	Not applicable CP 679 A
Environmental Quality (Industrial Effluent) Regulations 2009	CP 679 A
Environmental Quality (Scheduled Wastes) Regulations 2007	CP 679 A
Control of Industrial Major Accident Hazards Regulations 1996	CP 679 A
Prohibition of Use of Substance Order 1999	CP 679 A
Use and Standards of Exposure of Chemical Hazardous to Health Regulations 2000	CP 679 A
Chemical Weapons Convention Act	CP 679 A
Corrosive and Explosive Substances and Offensive Weapons Act	CP 679 A
Dangerous Drugs Act	CP 679 A
Pesticides Act	CP 679 A
Petroleum (Safety Measures) Act	CP 679 A
Poisons Act 1952	CP 679 A
Poisons (Psychotropic Substances) Regulations 1989	CP 679 A

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

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Other information

None.

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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.