

# CP 679A Plus

## Safety Data Sheet

According to SS 586 Part 3 (2022)  
Issue date: 14.11.2025

Revision date: 14.11.2025

Supersedes: 13.02.2025

Version: 4.0

### SECTION 1: Identification

#### 1.1. Product identifier

|               |                    |
|---------------|--------------------|
| Product name  | CP 679A Plus       |
| Product code  | BU Fire Protection |
| Chemical name |                    |
| Product form  | Mixture            |

#### 1.2. Other means of identification

No additional information available

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

No additional information available

#### 1.4. Supplier's details

##### Supplier

Hilti Far East Private Ltd.  
80 Pasir Panjang Road, #16-83/84 Mapletree Business City Singapore  
Singapur 117372  
T +65 6777 7887 - F +65 6777 3057  
[sg-customerservice@hilti.com](mailto:sg-customerservice@hilti.com)

##### Department issuing data specification sheet

Hilti AG  
Feldkircher Strasse 100 Schaan Liechtenstein 9494  
T +423 234 2111  
[product.compliance-fire.protection@hilti.com](mailto:product.compliance-fire.protection@hilti.com)

#### 1.5. Emergency phone number

|                  |  |
|------------------|--|
| Emergency number | GBK GmbH Global Regulatory Compliance<br>+49 (0)6132-84463 |
|------------------|--|

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Not classified as hazardous according to GHS

#### 2.2. GHS label elements, including precautionary statements

No labelling applicable

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

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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

### 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).                 |
| Inhalation                 | Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.            |
| Skin contact               | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. |

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|-------------|--|
| Eye contact | Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution. |
| Ingestion   | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.                  |

### 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   | Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | May cause an allergic skin reaction.  |
| Symptoms/effects after eye contact  | None under normal conditions.   |
| Symptoms/effects after ingestion    | None under normal conditions.   |

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

|                                   |                        |
|-----------------------------------|------------------------|
| Other medical advice or treatment | Treat symptomatically. |
|-----------------------------------|------------------------|

## 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. Specific hazards arising from the chemical

|  |   |
|--|---|
| Fire hazard                                      | No fire hazard.   |
| Explosion hazard                                 | No direct explosion hazard.   |
| Hazardous decomposition products in case of fire | Formation of toxic gases is possible during heating or in case of fire. |

### 5.3. Special protective actions 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. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.                              |

## SECTION 6: Accidental release measures

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

|                  |   |
|------------------|---|
| General measures | Avoid contact with skin and eyes. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---|

#### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Protective equipment | Wear recommended personal protective equipment.          |
| Emergency procedures | Ventilate spillage area. Evacuate unnecessary personnel. |

#### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.  |

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

|                 |   |
|-----------------|---|
| For containment | Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
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Methods for cleaning up

Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

Other information

Dispose of materials or solid residues at an authorized site.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed

Precautions for safe handling

Not expected to present a significant hazard under anticipated conditions of normal use.

Ensure good ventilation of the work station. 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.

Handling temperature

5 – 30 °C

Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Keep in a cool, well-ventilated place away from heat.

Storage conditions

Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible materials

Sources of ignition. Direct sunlight.

Packaging materials

Always store product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters/Occupational exposure limits

No additional information available

### 8.2. Appropriate engineering control measures

Appropriate engineering controls

Ensure good ventilation of the work station.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

**Personal protective equipment:**

Avoid all unnecessary exposure. Gloves.

Hand protection

Wear protective gloves.

| Type  | Material                           | Permeation        | Thickness (mm) | Penetration | Standard |
|---|------------------------------------|-------------------|----------------|-------------|----------|
| Disposable gloves,<br>Protective gloves,<br>Reusable gloves | Nitrile rubber (NBR), Butyl rubber | 6 (> 480 minutes) | >4             |             |          |

Eye protection

Chemical goggles or safety glasses. Safety glasses

Skin and body protection

Protective clothing

Respiratory protection

Avoid inhalation of vapour and spray mist. In case of inadequate ventilation wear respiratory protection. (FFP2)

**Personal protective equipment symbol(s)**



Environmental exposure controls

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | Liquid   |
| Appearance                                      | Pasty.   |
| Colour  | white  |
| Odour   | slight, odourless  |
| Odour threshold                                 | No data available  |
| pH  | 7 – 7.8  |
| pH solution concentration                       | 10 %   |
| Melting point                                   | Not applicable   |
| Freezing point                                  | Not available  |
| Initial boiling point and boiling range         | ≈ 100 °C   |
| Flash point                                     | Not available  |
| Evaporation rate                                | Not available  |
| Flammability                                    | Non flammable.   |
| Explosive limits                                | Explosive properties: Product is not explosive.<br>Oxidising properties: Not applicable. |
| Vapour pressure                                 | Not available  |
| Relative vapour density at 20°C                 | Not available  |
| Density   | 1.34 – 1.48 g/cm <sup>3</sup>  |
| Relative density                                | Not available  |
| Solubility                                      | Not available  |
| Partition coefficient n-octanol/water (Log Kow) | Not available  |
| Partition coefficient n-octanol/water (Log Pow) | Not available  |
| Auto-ignition temperature                       | Not available  |
| Decomposition temperature                       | Not available  |
| Viscosity, kinematic                            | 16891.892 – 29850.746 mm <sup>2</sup> /s   |
| Viscosity, dynamic                              | 25000 – 40000 mPa·s  |
| Particle size                                   | Not available  |
| Particle size distribution                      | Not available  |
| Particle shape                                  | Not available  |
| Particle aspect ratio                           | Not available  |
| Particle specific surface area                  | Not available  |

#### 9.2. Other information

|             |       |
|-------------|-------|
| VOC content | < 1 % |
|-------------|-------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Acute toxicity

|                                   |                |
|-----------------------------------|----------------|
| Acute toxicity (oral)             | Not classified |
| Acute toxicity (dermal)           | Not classified |
| Acute toxicity (inhalation)       | Not classified |
| Skin corrosion or irritation      | Not classified |
|                                   | pH: 7 – 7.8    |
| Serious eye damage or irritation  | Not classified |
| Respiratory or skin sensitisation | Not classified |
| Germ cell mutagenicity            | Not classified |
| Carcinogenicity                   | Not classified |
| Reproductive toxicity             | Not classified |
| STOT-single exposure              | Not classified |
| STOT-repeated exposure            | Not classified |
| Aspiration hazard                 | Not classified |

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|----------------------|-----------------------------|
| Viscosity, kinematic | 16891.892 – 29850.746 mm²/s |
| Density              | 1.34 – 1.48 g/cm³           |

Potential adverse human health effects and symptoms      Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | Harmful to aquatic life with long lasting effects. |
| 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

| CP 679A Plus                  |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

#### 12.3. Bioaccumulative potential

| CP 679A Plus              |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

#### 12.4. Mobility in soil

| CP 679A Plus     |                                     |
|------------------|-------------------------------------|
| 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 considerations

|                                 |   |
|---------------------------------|---|
| Waste treatment methods         | Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | Disposal must be done according to official regulations.                                    |

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Product/Packaging disposal recommendations

Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.

Additional information

Do not re-use empty containers.

### 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

### SECTION 15: Regulatory information

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

| Regulation   | Component / Mixture |
|--|---------------------|
| Arms and Explosives Act  | Not applicable      |
| Chemical Weapons Prohibition Act                                     |                     |
| Environmental Protection and Management (Air Impurities) Regulations |                     |
| Environmental Protection and Management Act (Hazardous Substances)   |                     |

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| Regulation   |                | Component / Mixture |
|--|----------------|---------------------|
| Environmental Public Health (Quality of Piped Drinking Water) Regulations                  |                |                     |
| Fire Safety Act/Fire Safety (Petroleum and Flammable Materials) Regulations                |                |                     |
| Maritime and Port Authority of Singapore (Dangerous, Petroleum and Explosives) Regulations |                |                     |
| Misuse of Drugs Act  |                |                     |
| Poisons Act  | Poisons List   | CP 679A Plus        |
| Poisons Rules  | First Schedule | CP 679A Plus        |
| Hazardous waste (Control of export, import and transit) Act                                | Not applicable |                     |
| Strategic goods (Control) Act  |                |                     |

### 15.2. International regulations

No additional information available

## SECTION 16: Other information

|                            |   |
|----------------------------|---|
| Issue date                 | 14/11/2025  |
| Revision date              | 14/11/2025  |
| Supersedes                 | 13/2/2025   |
| Data sources               | REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.   |
| Abbreviations and acronyms | <p>ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>ATE - Acute Toxicity Estimate</p> <p>BCF - Bioconcentration factor</p> <p>BLV - Biological limit value</p> <p>BOD - Biochemical oxygen demand (BOD)</p> <p>COD - Chemical oxygen demand (COD)</p> <p>DMEL - Derived Minimal Effect level</p> <p>DNEL - Derived-No Effect Level</p> <p>EC-No. - European Community number</p> <p>EC50 - Median effective concentration</p> <p>EN - European Standard</p> <p>IARC - International Agency for Research on Cancer</p> <p>IATA - International Air Transport Association</p> <p>IMDG - International Maritime Dangerous Goods</p> <p>LC50 - Median lethal concentration</p> <p>LD50 - Median lethal dose</p> <p>LOAEL - Lowest Observed Adverse Effect Level</p> <p>NOAEC - No-Observed Adverse Effect Concentration</p> <p>NOAEL - No-Observed Adverse Effect Level</p> <p>NOEC - No-Observed Effect Concentration</p> <p>OECD - Organisation for Economic Co-operation and Development</p> <p>OEL - Occupational Exposure Limit</p> <p>PBT - Persistent Bioaccumulative Toxic</p> <p>PNEC - Predicted No-Effect Concentration</p> |

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RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
SDS - Safety Data Sheet  
STP - Sewage treatment plant  
ThOD - Theoretical oxygen demand (ThOD)  
TLM - Median Tolerance Limit  
VOC - Volatile Organic Compounds  
CAS-No. - Chemical Abstract Service number  
N.O.S. - Not Otherwise Specified  
vPvB - Very Persistent and Very Bioaccumulative  
ED - Endocrine disruptor  
None.

Other information

| Section | Changed item          | Comments |
|---------|-----------------------|----------|
|         | Regulations Singapore | Modified |

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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.