

# CFS-CT; CP 670; CP 673; CP 676

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

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Revision date:

Version: 1.0

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

|              |                                |
|--------------|--------------------------------|
| Product form | Mixture                        |
| Trade name   | CFS-CT; CP 670; CP 673; CP 676 |
| Product code | BU Fire Protection             |



#### 1.2. Other means of identification

No additional information available

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

|                 |         |
|-----------------|---------|
| Recommended use | Coating |
|-----------------|---------|

#### 1.4. Supplier's details

Hilti (Aust.) Pty. Ltd.  
Level 5, 1G Homebush Bay Drive  
P.O. Box 3217  
2138 Rhodes NSW - Australia  
T +61 131 292 - F +61 1300 135 042  
[serviceaustralia@hilti.com](mailto:serviceaustralia@hilti.com)

#### 1.5. Emergency phone number

|                  |                 |
|------------------|-----------------|
| Emergency number | +61 2 8748 1000 |
|------------------|-----------------|

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

|                                |      |
|--------------------------------|------|
| Skin sensitisation, Category 1 | H317 |
|--------------------------------|------|

#### 2.2. Label elements

|                                   |  |
|-----------------------------------|--|
| Signal word (GHS AU)              | Warning  |
| Hazard statements (GHS AU)        | H317 - May cause an allergic skin reaction.  |
| Precautionary statements (GHS AU) | P280 - Wear protective gloves/protective clothing/eye protection/face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water/...<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. |

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

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| Name                               | CAS-No.   | %      | Classification according to the model Work Health and Safety Regulations (WHS Regulations)   |
|------------------------------------|-----------|--------|--|
| 2-methyl-2H-isothiazol-3-one (MIT) | 2682-20-4 | <0,008 | Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 1 (Inhalation), H330<br>Skin Corr. 1, H314<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410 |

### SECTION 4: First aid measures

#### 4.1. Description of 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   | Allow affected person to breathe fresh air.  |
| 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    | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.   |

#### 4.2. Symptoms caused by exposure

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Symptoms/effects after inhalation | May cause an allergic skin reaction. |
|-----------------------------------|--------------------------------------|

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. 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. Special hazards arising from the substance or mixture

|  |                                  |
|--|----------------------------------|
| Hazardous decomposition products in case of fire | Carbon dioxide. Carbon monoxide. |
|--|----------------------------------|

#### 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. |
|----------------------|---------------------------------|

##### 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. |
| Emergency procedures | Ventilate area.   |

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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 material for containment and cleaning up

Methods for cleaning up On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### 7.1. Precautions for safe 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. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures Wash contaminated clothing before reuse. 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.

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

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.

Storage temperature 5 – 25 °C

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

Additional information The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

No additional information available

### 8.4. Personal protective equipment

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

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.

Eye protection Chemical goggles or safety glasses

Skin and body protection Wear suitable protective clothing

Respiratory protection No respiratory protection needed under normal use conditions

Personal protective equipment symbol(s)



Other information

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                                  | Solid                          |
| Appearance                                      | Pasty.                         |
| Molecular mass                                  | Not determined                 |
| Colour  | No data available              |
| Odour   | No data available              |
| Odour threshold                                 | Not determined                 |
| pH  | 7.5 – 9                        |
| Relative evaporation rate (butylacetate=1)      | No data available              |
| Melting point / Freezing point                  | Melting point : Not applicable |
| Boiling point                                   | No data available              |
| Flash point                                     | Not applicable                 |
| Auto-ignition temperature                       | No data available              |
| Flammability (solid, gas)                       | No data available              |
| Vapour pressure                                 | No data available              |
| Relative density                                | No data available              |
| Density   | Density : 1.47 kg/l            |
| Solubility                                      | No data available              |
| Partition coefficient n-octanol/water (Log Pow) | No data available              |
| Explosive properties                            | No data available              |
| Explosive limits                                | No data available              |
| Minimum ignition energy                         | No data available              |
| Fat solubility                                  | No data available              |

### 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

|                                   |                               |
|-----------------------------------|-------------------------------|
| Acute toxicity (oral)             | Not classified                |
| Acute toxicity (dermal)           | Not classified                |
| Acute toxicity (inhalation)       | Not classified                |
| Skin corrosion/irritation         | Not classified<br>pH: 7.5 – 9 |
| Serious eye damage/irritation     | Not classified<br>pH: 7.5 – 9 |
| Respiratory or skin sensitisation | Expert judgment               |
| Germ cell mutagenicity            | Not classified                |
| Carcinogenicity                   | Not classified                |

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|   |  |
|---|--|
| Reproductive toxicity                               | Not classified   |
| STOT-single exposure                                | Not classified   |
| 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

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

|   |   |
|---|---|
| Ecology - general   | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| 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

| CFS-CT; CP 670; CP 673; CP 676 |                  |
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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

No additional information available

#### 12.5. Other adverse effects

|                       |                                     |
|-----------------------|-------------------------------------|
| Ozone                 | Not classified                      |
| Other adverse effects | No additional information available |

| CFS-CT; CP 670; CP 673; CP 676                 |       |
|--|-------|
| Fluorinated greenhouse gases                   | False |
| 2-methyl-2H-isothiazol-3-one (MIT) (2682-20-4) |       |
| Fluorinated greenhouse gases                   | False |

### SECTION 13: Disposal considerations

|  |   |
|--|---|
| 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: Transport information

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

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| 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  |               |               |               |

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

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchem Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status

All the chemicals contained in this product are listed on the AICS

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

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.

Other information

None.

Classification:

|              |      |
|--------------|------|
| Skin Sens. 1 | H317 |
|--------------|------|

Full text of H-statements:

|                           |   |
|---------------------------|---|
| Acute Tox. 1 (Inhalation) | Acute toxicity (inhal.), Category 1                               |
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3                                 |
| Aquatic Chronic 1         | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Skin Corr. 1              | Skin corrosion/irritation, Category 1                             |

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|              |   |
|--------------|---|
| Skin Sens. 1 | Skin sensitisation, Category 1                        |
| H301         | Toxic if swallowed.                                   |
| H311         | Toxic in contact with skin.                           |
| H314         | Causes severe skin burns and eye damage.              |
| H317         | May cause an allergic skin reaction.                  |
| H330         | Fatal if inhaled.                                     |
| H410         | Very toxic to aquatic life with long lasting effects. |

SDS\_AU\_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.*