

CP 636

依据标准：GB/T 16483, GB/T 17519-2013

Version:6.0

Revision date: 2020/10/13

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Supersedes: 2017/03/29

SECTION 1 Chemical product and company identification

Product identifier

Product form Mixture
Product name CP 636
Product code BU Fire Protection
Chemical name



Details of the supplier of the safety data sheet

Hilti (China) Ltd.
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cncs@hilti.com

Supplier

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Department issuing data specification sheet

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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

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SECTION 2 Hazards identification

Emergency overview

Treat symptomatically. Powder. Grey. None under recommended storage and handling conditions (see section 7). Under normal conditions of storage and use, hazardous decomposition products should not be produced. Dust/Mist. The product is non-reactive under normal conditions of use, storage and transport. Non flammable. No dangerous reactions known under normal conditions of use. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

GHS classification

Health hazards

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 1

Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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

Label elements

Hazard pictograms (GHS CN)



Signal word (GHS CN)

Danger.

Hazard statements (GHS CN)

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

Precautionary statements (GHS CN)

Prevention precautionary statements

P261 - Avoid breathing dust.

P280 - Wear eye protection, protective gloves, protective clothing.

Response Precautionary Statements

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

Physical and chemical hazards

No additional information available

Health hazards

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

Symptoms/effects after eye contact

Serious damage to eyes

Symptoms/effects after inhalation

May cause respiratory irritation.

Symptoms/effects after skin contact

Irritation, May cause an allergic skin reaction.

Environmental hazards

No additional information available

Other hazards

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No additional information available

SECTION 3 Composition/information on ingredients

Product form Mixture.

Name	CAS-No.	Concentration (%)
Portland cement	65997-15-1	25 - 40
Flue dust, Portland, chemicals	68475-76-3	1 - 2.5

SECTION 4 First aid measures

Emergency

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell
First-aid measures after skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash 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. Call a physician immediately
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell

Most Important Symptoms/Effects

Serious damage to eyes
May cause respiratory irritation.
Irritation
May cause an allergic skin reaction.

Personal Protection in First Aid and Measures

No additional information available

Notes for the doctor

Other medical advice or treatment Treat symptomatically

SECTION 5 Fire fighting measures

Extinguishing media

Suitable extinguishing media	Water spray Dry powder Foam
Unsuitable extinguishing media	No additional information available

Special hazard

No additional information available

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Advice for firefighters and protective measures

Firefighting instructions	No additional information available
Protection during firefighting	Do not attempt to take action without suitable protective equipment Self-contained breathing apparatus Complete protective clothing

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures	No additional information available
Personal Precautions, Protective Equipment and Emergency Procedures	No additional information available

For non-emergency personnel

Emergency procedures	Ventilate spillage area Avoid breathing dust. Avoid contact with skin and eyes
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For emergency responders

Protective equipment	Do not attempt to take action without suitable protective equipment For further information refer to section 8: "Exposure controls/personal protection"
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Environmental precautions

Prevent entry to sewers and public waters

Methods and Equipment for Containment and Cleaning up

Methods for cleaning	No additional information available
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For containment	No additional information available
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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	Use only outdoors or in a well-ventilated area. Avoid breathing dust. Avoid contact with skin and eyes Wear personal protective equipment
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product
Local and general ventilation	No additional information available

Storage

Storage conditions	Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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Material used in packaging/containers
Storage temperature

Protect from moisture.
No additional information available
5 - 30 ° 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

Ensure good ventilation of the work station

Personal protective equipment

Personal protective equipment

Protective goggles

Gloves

Protective clothing

Environmental exposure controls

Avoid release to the environment.

Hand protection

Wear protective gloves.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves.	Nitrile rubber (NBR).	3 (> 60 minutes).			EN ISO 374.

Eye protection
Chemical goggles or safety glasses

Type	Use	Characteristics	Standard
Safety glasses.	Dust.		EN 166, EN 170.

Skin and body protection

Wear suitable protective clothing

Respiratory protection

Dust production: dust mask with filter type P2

Personal protective equipment symbol(s)



SECTION 9 Physical and chemical properties

Physical state
Appearance
Colour
Odour
pH
Melting point
Freezing point

Solid
Powder
Grey
No data available
No data available
> 1000 ° C
Not applicable

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Boiling point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20 ° C	No data available
Relative density	Not applicable
Density	No data available
Solubility	Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	No data available
Explosive limits (vol %)	Not applicable
Lower explosive limit (LEL)	No data available
Upper explosive limit (UEL)	No data available
Radioactive	No

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
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use
Conditions to avoid	None under recommended storage and handling conditions (see section 7)
Incompatible materials	No additional information available
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced
Other properties	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	Causes skin irritation.
Serious eye damage/irritation	
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	
Respiratory or skin sensitisation	No data available

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Germ cell mutagenicity

Germ cell mutagenicity No data available

Carcinogenicity

Carcinogenicity No data available

Reproductive toxicity

Reproductive toxicity No data available

STOT-single exposure

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure

STOT-repeated exposure No data available

Aspiration hazard

Aspiration hazard No data available

SECTION 12 Ecological information

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) No data available

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

Portland cement	
LC50 fish l	> 1000 mg/l (96 h, Pisces)

Persistence and degradability

Portland cement	
Not rapidly degradable	Yes
Persistence and degradability	Biodegradability: not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

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BOD (% of ThOD)	Not applicable
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Bioaccumulative potential

Portland cement	
Bioaccumulative potential	Bioaccumulation: not applicable

Mobility in soil

Portland cement	
Ecology - soil	Bioaccumulation: not applicable

Other adverse effects

Classification procedure (Ozone) No data available

SECTION 13 Disposal considerations

Waste treatment methods	Dispose of contents/container in accordance with licensed collector' s sorting instructions.
Contaminated container and packaging	No additional information available
Additional information	No additional information available
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations Avoid release to the environment.

SECTION 14: Transport information

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

ADR	IMDG	IATA	RID
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

14.6. Special precautions for user

Overland transport

No data available

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Transport by sea

No data available

Air transport

No data available

Rail transport

No data available

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

Not applicable

SECTION 15 Regulatory information**SECTION 16 Other information**

SDS Reason for revision

Recipe change

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.