

## 1. Identification of the substance or mixture and of the supplier

<b>1.1 GHS product identifier</b>	<b>Knauf Cleaneo, Knauf Stratopanel</b>
<b>1.2 Other means of identification</b>	Not available.
<b>1.3 Recommendations and restrictions on the use of substances or mixtures</b>	
<b>Recommended use</b>	Interior use.
<b>Recommended restrictions</b>	Use in accordance with manufacturer's recommendations.
<b>1.4 Supplier's details</b>	
<b>Distributor / Supplier Address</b>	The Siam Gypsum Industry (Saraburi) Co., Ltd. 9, Pakin Building, 5th Floor, Ratchadapisek Road, Dindang, Bangkok 10400 Thailand
<b>Telephone</b>	+66 2 555 0055
<b>Fax</b>	+66 2 555 0001
<b>Poison Information Centre Telephone</b>	Ramathibodi Poison Center Faculty of Medicine Ramathibodi Hospital 0-220-11084-6, Hotline: 1367 (24 Hrs.), Line ID: poisrequest
<b>Email</b>	poisrequest@gmail.com PoisonCenter.mahidol.ac.th

## 2. Hazards identification

### 2.1 GHS classification of substance or mixture, and national or regional information

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.

### 2.2 GHS label elements

<b>Hazard symbol(s)</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement(s)</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement(s)</b>	

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

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

**Supplemental information** None.

## 3. Composition/information on ingredients

### 3.2 Mixture

Chemical identity	Common name and synonym	CAS number and other unique identifiers	Concentration or concentration range
Calcium sulfate dihydrate (alternative CAS 10101-41-4)		13397-24-5	90 - 95
Cellulose pulp		65996-61-4	≤ 5
Crystalline silica (Quartz)		14808-60-7	< 0.5

**Composition comments** All concentrations are in percent by weight.  
Respirable crystalline silica measured <0.1% (according to the NEN-EN 17289-3 method).

## 4. First-aid measures

### 4.1 Description of first-aid measures

<b>Inhalation</b>	Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
<b>Skin contact</b>	Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.

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

Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.

### 4.3 Indication of immediate medical considerations and important specific treatment that should be performed

Provide general supportive measures and treat symptomatically.

### General advice

Ensure that medical personnel are aware of the material(s) involved.

## 5. Fire-fighting measures

### 5.1 Prohibited extinguishing media and suitable extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	Not applicable.

### 5.2 Specific hazards arising from chemicals

Not a fire hazard.

### 5.3 Special protective equipment and precautions for fire-fighters

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### Fire fighting equipment/instructions

Use standard firefighting procedures and consider the hazards of other involved materials.

### Specific methods

Cool material exposed to heat with water spray and remove it if no risk is involved.

## 6. Accidental release measures

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

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

### 6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

### 7.1 Precautions for safe handling, use and storage

Minimise dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. Practice good housekeeping.

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

Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see section 10 of the SDS).

## 8. Exposure controls/personal protection

### 8.1 Control parameters

## Occupational exposure limits

### Thailand. OELs (DLPW Notification Re: Occupational Exposure Limits for Hazardous Chemicals)

Components	Type	Value	Form
Crystalline silica (Quartz) (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable dust.

  

US. ACGIH Threshold Limit Values (TLV)	Type	Value	Form
Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
Crystalline silica (Quartz) (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable fraction.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### 8.2 Appropriate engineering controls

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimise the risk of exposure.

### 8.3 Personal protective measures

#### Eye/face protection

Wear approved safety goggles.

#### Skin protection

##### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

##### Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### Thermal hazards

None.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

## 9. Physical and chemical properties

### 9.1 Appearance

#### Physical state

Solid.

#### Form

Solid.

#### Colour

Not available.

### 9.2 Odor

Not available.

### 9.3 Odor threshold limit

Not available.

### 9.4 pH

Not available.

### 9.5 Melting point/freezing point

Not available.

### 9.6 Initial boiling point and boiling range

Not available.

### 9.7 Flash point

Not available.

### 9.8 Evaporation rate

Not available.

### 9.9 Flammability (solid, gas)

Not flammable.

### 9.10 Upper/lower flammability or explosive limits

#### Explosive limit - lower (%)

Not available.

#### Explosive limit – upper (%)

Not available.

### 9.11 Vapor pressure

Not available.

### 9.12 Vapor density

Not available.

### 9.13 Relative density

Not available.

### 9.14 Solubility(ies)

#### Solubility (water)

Not available.

### 9.15 Partition coefficient: n-octanol/water

Not available.

### 9.16 Auto-ignition temperature

Not available.

**9.17 Decomposition temperature** Not available.

**9.18 Viscosity** Not available.

**Other information**

**Explosive properties** Not explosive.

**Oxidising properties** Not oxidising.

**10. Stability and reactivity**

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

**10.2 Chemical stability** Material is stable under normal conditions.

**10.3 Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**10.4 Conditions to avoid** Contact with incompatible materials.

**10.5 Incompatible materials** Strong oxidising agents. Strong acids.

**10.6 Hazardous decomposition products** No hazardous decomposition products are known.

**11. Toxicological information**

**11.1 Information on likely routes of exposure**

**Inhalation** Dust may irritate respiratory system. Prolonged inhalation may be harmful.

**Skin contact** Dust or powder may irritate the skin.

**Eye contact** Dust may irritate the eyes.

**Ingestion** May cause discomfort if swallowed.

**11.2 Symptoms related to physical, chemical and toxicological characteristics** Dusts may irritate the respiratory tract, skin and eyes.

**11.3 Delayed and immediate effects, including chronic effects from short- and long-term exposure** Occupational exposure to the substance or mixture may cause adverse effects.

**11.4 Numerical values of toxicity**

**Acute toxicity** Not expected to be acutely toxic.

Components	Species	Test Results
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Crystalline silica (Quartz) (CAS 14808-60-7)

**Chronic**

**Inhalation**

LOEC	Human	0.0563 mg/m3
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**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitisation**

**Respiratory sensitisation** Not a respiratory sensitizer.

**Skin sensitisation** This product is not expected to cause skin sensitisation.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not expected to increase the risk of cancer. Repeated and prolonged exposures to high levels of respirable crystalline silica may cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

**ACGIH Carcinogens**

Crystalline silica (Quartz) (CAS 14808-60-7) A2 Suspected human carcinogen.

**IARC. Monographs on the evaluation of carcinogenic risks to humans**

Crystalline silica (Quartz) (CAS 14808-60-7) 1 Carcinogenic to humans.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Due to the physical form of the product it is not an aspiration hazard.

## 12. Ecological information

**12.1 Ecological toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)		
<b>Aquatic</b>		
Fish	LC50 Fathead minnow (Pimephales promelas)	> 1970 mg/l, 96 hours

**12.2 Persistence and degradability** The product is not readily biodegradable.

**12.3 Bioaccumulative potential** No data available for this product.

**12.4 Mobility in soil** Expected to have low mobility in soil.

**12.5 Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

**Local disposal regulations** Dispose of in accordance with local regulations.

**Waste from residues / unused products** Dispose in accordance with local regulations.

**Contaminated packaging** Dispose of in accordance with local regulations.

## 14. Transport information

### ADR

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**Safety, health and environmental regulation/legislation specific for the substance or mixture**

**Hazardous substances in the work place (DLPW Notification Re: List of Hazardous Chemicals, Royal Gazette, Vol. 130 Part 185 Ngor, issued December 20, B.E.2556 (2013))**

Respirable dust (CAS 13397-24-5)

**Thailand. Explosive Substances & Precursors (Ministry of Defense Notification Re: Arms Subject to Imports License, B.E.2551 (2008)), as amended**

Not regulated.

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547 (2004))**

Not regulated.

### International regulations

#### Basel Convention

Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	16-June-2025
<b>Revision date</b>	-
<b>Version No.</b>	01
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