

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name/designation:

F8000

UFI:

A2SX-82SN-Q34V-UDDR

1.2. Relevant identified uses of the substance or mixture and uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

TPH Bausysteme GmbH

Nordportbogen 8

22848 Norderstedt

Germany

Telephone: +49 40 52 90 66 78-0

Telefax: +49 40 52 90 66 78-78

E-mail: info@tph-bausysteme.com

Website: www.tph-bausysteme.com

E-mail (competent person): sdb-info@tph-bausysteme.com

1.4. Emergency telephone number

24h: International access phone number: +1-813-248-0585 /// United States, Canada, Puerto Rico, U.S. Virgin Islands: 1-800-255-3924 (Contract No. MIS7249185) /// Australia: 1-300-954-583 /// Brazil: 0-800-591-6042 /// China: 400-120-0751 /// India: 000-800-100-4086 /// Mexico: 800-099-0731

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation method.
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	Calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS05

Corrosion



GHS07

Exclamation mark

Signal word: Danger

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Hazard components for labelling:

Cement, portland, chemicals

Hazard statements for health hazards

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Supplemental hazard information

EUH208	Contains Cement, portland, chemicals. May produce an allergic reaction.
--------	-------------------------------------------------------------------------

Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a doctor if you feel unwell.

Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
------	---------------------------------------------------------------------------------


2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 65997-15-1 EC No.: 266-043-4	Cement, portland, chemicals Eye Dam. 1 (H318), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1B (H317)  Danger	> 20 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

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.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment.

4.2. Most important symptoms and effects, both acute and delayed

Skin corrosion/irritation Serious eye damage/eye irritation Irritation to respiratory tract

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

For cleaning up:

Water (with cleaning agent)

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Do not breathe dust.

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin. Additional measures for respiratory protection High efficiency particulate air filter (HEPA filter)

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
BE from 3 Oct 2018	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³
CH from 1 Jan 2022	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (eintembare Fraktion) S; Tox: Lunge Asthma
OSHA (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 15 mg/m ³ ⑤ inhalable fraction
NIOSH (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ inhalable fraction
HTP (FI) from 1 Dec 2009	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (inhalerbar fraktion) hengittyvä pöly
HTP (FI) from 1 Dec 2009	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³ ⑤ (respirabel fraktion) alveolijae
HR	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ (frakcija koju se može udisati)
HR	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 4 mg/m ³ ⑤ (alveolarna frakcija)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
Alberta (CA)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³
LV	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 6 mg/m ³
BC (CA) from 1 Feb 2015	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³ ⑤ (respirable fraction)
ES from 1 Jan 2013	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 4 mg/m ³ ⑤ e, d
IE from 5 Dec 2011	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³ ⑤ (respirable fraction)
RO	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ (fracțiune inhalabilă)
MX from 28 Apr 2014	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³ ⑤ (fracción respirable)
KR	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³
WEL (GB)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ (inhalable fraction)
WEL (GB)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 4 mg/m ³ ⑤ (respirable fraction)
CN from 1 Jan 2007	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 4 mg/m ³ ⑤ (##### #####)
CN from 1 Jan 2007	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1.5 mg/m ³ ⑤ (##### #####)
HU from 7 Feb 2020	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ N
MY from 1 Jan 2000	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³
PL from 12 Jun 2018	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 6 mg/m ³ ⑤ (wdychalna frakcja)
PL from 12 Jun 2018	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 2 mg/m ³ ⑤ (frakcja mogąca wnikać do dróg oddechowych)
IDLH (US) from 1 Jan 1994	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5,000 mg/m ³
OSHA (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 50 mppcf

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (eintembare Fraktion)
OSHA (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (respirable fraction)
NIOSH (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (respirable fraction)
ACGIH (US)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 1 mg/m ³ ⑤ (respirable fraction)
Québec (CA)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 10 mg/m ³ ⑤ (inhalable fraction)
Québec (CA)	Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4	① 5 mg/m ³ ⑤ (respirable fraction)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374

Respiratory protection:

Particle filter device (EN 143)

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: grey

Odour: not determined

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	11 - 13.5	
Melting point	> 1,000 °C	
Freezing point	not determined	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Parameter	Value	① Method ② Remark
Initial boiling point and boiling range	not determined	
Decomposition temperature	not determined	
Flash point	not determined	
Evaporation rate	not determined	
Auto-ignition temperature	not determined	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	
Density	not determined	
Relative density	not determined	
Bulk density	not determined	
Water solubility	< 50 g/L	
Partition coefficient: n-octanol/water	not determined	
Dynamic viscosity	not determined	
Kinematic viscosity	not determined	

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn.

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

Contains Cement, portland, chemicals. May produce an allergic reaction.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

May cause respiratory irritation.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Cement, portland, chemicals CAS No.: 65997-15-1 EC No.: 266-043-4

Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

17 01 01	Concrete
----------	----------

Waste code packaging

15 01 01	paper and cardboard packaging
----------	-------------------------------

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

 [DE] National regulations

Water hazard class

WGK:

1 - schwach wassergefährdend

Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 00-4

ZH 1/129 "Merkblatt: Reizende Stoffe/Ätzende Stoffe (M 004)"

 [DK] National regulations

Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 00-4

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 16 Aug 2022

Print date: 12 Apr 2023

Version: 2.1



F8000

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation method.
STOT-single exposure (<i>STOT SE 3</i>)	H335: May cause respiratory irritation.	Calculation method.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

16.6. Training advice

No data available

16.7. Additional information

No data available