

Uninaks AS
SAFETY DATA SHEET
Date 01.01.2014



UNINAKS
EESTI EHITUSLIKUD KUIVSEGUD

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

1.1.1 Commercial Product Name

Naks-1, Naks-2, Naks-3,
Naks-4, Naks-5,
Põrandanaks, Nobenaks,
Naks+p, Krohvisegu, Hele
Krohvisegu, Kiudkrohv,
Siler-3, Müürisegu M100,
Müürisegu M200, Kiviliim,
Plokiliim, Uniflex, Betoon
C30, Jootebetoon M300,
Jootebetoon C55,
Jootebetoon C70,
Kiirvetoon, Paisuv Betoon
M400, Vertikaalvuugi
betoon, Graniitbetoon
M500, Tulekindel betoon,
UniTherm 1, UniTherm 2,
UniTherm 3, Tordex1,
Fiiberbetoon, Tellisesiler,
Kergbetoon LC18

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

Cement based building products.

1.3 Details of the supplier of the safety data sheet

Supplier

Uninaks AS

Street address

Valuste tee 1

Postcode and post office

90303 Lihula

Estonia

Telephone

+372 6610520

Telefax

+372 6565744

Email

uninaks@uninaks.ee

Homepage

www.uninaks.ee

1.4 Emergency telephone number

Telephone number, name and address

The National Poisons Information Service (NPIS)

www.nhsdirect.nhs.uk - 0845 4647

www.nhs24.com - 08454 24 24 24

SECTION 2. HAZARDS IDENTIFICATION

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.1 Classification of the substance or mixture

1272/2008 (CLP)

Eye Dam. 1, H318

Skin Irrit. 2, H315

STOT SE 3, H335

67/548/EEC - 1999/45/EC

Xi; R37/38-41

2.2 Label elements

1272/2008 (CLP)

GHS07 - GHS05

Signal word

Danger

Hazard Statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

Precautionary Statements

P102 Keep out of reach of children.

P261 Avoid breathing dust.

P280 Wear protective gloves/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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



2.3 Other hazards

Dangerous when wet: Causes burns. Risk of infection of the lung after prolonged inhalation of dust particles.
Product (wet): Not inherently biodegradable..

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

contains: Cement + quartz sand (< 0,1 % respirable quartz). Naturally low chromium(VI)content, max. 2 mg/kg.

3.2.1 Hazardous components

CAS/EC and Reg.number	EINECS	Chemical name of the substance	Concentration	Classification
65997-15-1		Portland cement	30-60%	Xi; R37/38; R41; STOT SE 3, H335; Skin Irrit. 2, H315; Eye Dam. 1, H318;
7631-86-9		Quartz	10-60%	WEL substance

3.3 Other information

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Move to fresh air. Keep at rest. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Continue rinsing eyes during transport to hospital. Show this safety data sheet to the doctor in attendance.

Ingestion

Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Risk of product entering the lungs on vomiting after ingestion. If accidentally swallowed obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes eye, skin, and respiratory tract irritation. Dangerous when wet: Causes burns.

4.3 Indication of immediate medical attention and special treatment needed

If unconscious place in recovery position and seek medical advice. Treat symptomatically. Show this safety data sheet to the doctor in attendance.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

Extinguishing media which must not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Dangerous when wet: Causes burns. Burning produces noxious and toxic fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Use a suitable vacuum cleaner. Dispose of in accordance with local regulations.



- 6.4 Reference to other sections**
Refer to protective measures listed in sections 7 and 8. SECTION 13: Disposal considerations

SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Avoid dust formation. Do not get in eyes or mouth or on skin. In case of contact, immediately flush skin with plenty of water. Handle in accordance with good industrial hygiene and safety practice. Use only in area provided with appropriate exhaust ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- 7.3 Specific end use(s)**
No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- Threshold limits**
- | | | |
|------------|--------|----------------------------|
| 7631-86-9 | Quartz | 6 mg/m ³ (8 h) |
| 65997-15-1 | Cement | 10 mg/m ³ (8 h) |
- Other information on limit values**
No information available.
- Limit values in other countries**
Denmark:
Quartz, respirable: 0,1 mg/m³
Quartz, total: 0,3 mg/m³
Mineral dust, inert respirable: 5 mg/m³
Mineral dust, inert: 10 mg/m³
- DNELs**
No information available.
- PNECs**
No information available.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid exceeding of the given occupational exposure limits (see section 8). Ensure that eyewash stations and safety showers are close to the workstation location.
- 8.2.2 Individual protection measures**
- Respiratory protection**
In case of insufficient ventilation wear suitable respiratory equipment. Respirator must be worn if exposed to dust. Respirator with a particle filter (EN 143) (P2).



Hand protection

Protective gloves complying with EN 374. PVC, Neoprene, vinyl.

Eye/face protection

Goggles.

Skin protection

Remove contaminated clothing and protective equipment before entering eating areas. Wash hands and face before breaks and immediately after handling the product.

8.2.3 Environmental exposure controls

No information available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important Health Safety and Environmental Information

Appearance

powder, grey

Odour

no data available

pH

11-13 (as aqueous solution) 20°C

Flammability (solid, gas)

does not ignite

Relative density

1 650 kg/m³

Solubility(ies)

Water solubility

miscible

9.2 Other information

No information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Exothermic reaction with acids.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Acids. Dangerous when wet: Bases ,aluminium powder, earth metals (forms hydrogen).

10.6 Hazardous decomposition products

No information available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

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

Irritation and corrosion

Causes skin irritation. Risk of serious damage to eyes. Dangerous when wet: Causes burns. If swallowed: Irritating to mucous membranes.

Sensitisation

Contains chromium (VI). May produce an allergic reaction.

Subacute, subchronic and prolonged toxicity

No information available.

STOT-single exposure

May cause respiratory tract irritation.

STOT-repeated exposure

Risk of infection of the lung after prolonged inhalation of dust particles.

Aspiration hazard

No information available.

Other information on acute toxicity

No information available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

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

Toxicity to other organisms

No information available.

12.2 Persistence and degradability

Biodegradation

The methods for determining biodegradability are not applicable to inorganic substances.

Chemical degradation

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.



SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of as hazardous waste in compliance with local and national regulations.

The following Waste Codes are only suggestions:

170903 - other construction and demolition wastes (including mixed wastes) containing dangerous substances

SECTION 14. TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

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

National occupational exposure limits, SECTION 8: Exposure controls/personal protection.

15.2 Chemical safety assessment

None.

SECTION 16. OTHER INFORMATION

16.1 Additions, Deletions, Revisions

Version: 1.0

16.2 Key or legend to abbreviations and acronyms

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

- **CLP** - REGULATION (EC) No 1272/2008

- **DSD** - Classification and labelling according to Directive 67/548/EEC.

16.3 Key literature references and sources for data

Safety data, Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, Annex VI, Table 3.2, Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, Annex VI, Table 3.1.

16.4 Classification procedure

Classification according to EU Directives 67/548/EEC or 1999/45/EC, Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP), REGULATION (EC) No 1272/2008.

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

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- 16.6** **Training advice**
Provide adequate information, instruction and training for operators. Refer to attached safety data sheets and/or instructions for use.