



ISTRA 40

MATERIAL SAFETY DATA SHEET

Substance/preparation and company identification

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Company:

Warrior Pte Ltd

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Composition/information on ingredients

-Calcium aluminates clinker 100 wt %

Hazard identification

Hazardous components

Name CAS-No. EC-No. Content Identification

Calcium-aluminate-clinker 65997-16-2 266-045-5 100 100 % Not relevant

First-aid measures

- General remarks Not relevant
- After inhalation Reference to medical instruction
- After skin contact Wash off immediately and thoroughly with abundant water, seek medical advice if necessary.
- After eye contact In case of eye contact wash off immediately and thoroughly with abundant water and seek medical advice (S26).
- After swallowing Rinse out mouth, drink water, cause no vomiting and consult a physician.

Fire-fighting measures

- Not relevant; product is incombustible

Measures in case of unintentional release

- Man-related protective measures Avoid skin and eye contact, avoid dust, safeguarding of sufficient ventilation / sufficient breath protection.
- Environment protection measures Avoid uncontrolled entry into the sewage system or into the outfall drain, especially after uncontrolled water addition.



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- Procedures for cleaning / absorbing Pick up mechanically (dry)
- Additional remarks Hardens after contact with water after 3 - 4 h, and can be disposed like concrete afterwards

Handling and storage

Handling

Instructions for safe handling Avoid dust development

Avoid skin and eye contact

During working avoid skin contact through use of appropriate protective clothing

Advice for fire and

explosion protection Not relevant

Storage

Requirements on store-rooms Protected from moisture in closed rooms and containers and tanks Dust precipitation according to "BImSchG" or "TA Luft", or according to relevant national regulations

Exposition limitation and personal protective equipment

Additional instructions for planning technical plants

Not relevant

Components with occupational related and controlled limit values

CAS-No.	Name of substance	Kind of limit	value	Value Unit
65997-16-2	Calcium aluminate cement	General dust limit	6	mg/m ³ (A)

Values according to TRGS 900

Personal protective equipment

Breath protection

Leaflet BGR 190 „Rules for the use of respiratory equipment“, Hauptverband d. gewerbl. BG*: e. g., particle filtrating half mask or particle filter P1-P3 #

German Federation of statutory accident insurance institutions for the industrial sector

Hand protection

Leaflet BGR 195 „Rules for the use of protective gloves“, Hauptverband d. gewerbl. BG: e. g., when preparing mortar or concrete, wear nitrile impregnated cotton gloves with CE mark



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Eye protection

Leaflet BGR 192, „Rules for the use of eye and face protection”,
Hauptverband d. gewerbl. BG: e.g. protecting goggles with vision screen,
type X ZZ 3 or 4 #

Body protection

Not relevant

General protective and
hygienic measures

Skin protection according to skin protection plan
following Leaflet BGR 197, „Rules for skin protection”,
Hauptverband d. gewerbl. BG #
or according to relevant national regulations



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Other information

- Alkaline liquid (PH 9~10.5), if long-term skin contact, it may cause irritation. Avoid skin, eyes and clothes contacts. Inedible, Keep away from children.
- Any other intended applications should be discussed with the manufacturer.
- If you have any queries relating to this MSDS, it's contents or any other product safety related questions, please write to the email war99@singnet.com.sg.
- The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.