

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.07.2019

Version number 1.00

Revision: 10.07.2019

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

- **Product identifier**
- **Trade name: Ha - Be CSD Types**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Concrete/Mortar admixtures
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Ha-Be Middle East Oman LLC
P.O. Box 32 | Postal Code 118 | Muscat - Sultanate of Oman
Phone: +968 24181713
office.oman@ha-be.com | www.om.ha-be.com

Ha-Be Middle East FZE
SAIF Zone | P.O. Box 9583 | Sharjah - UAE
Phone: +971 6 557 28 30 | Fax +971 6 55728 60
office.uae@ha-be.com | www.ha-be.ae

Ha-Be Qatar | Concrete Additives Company W.L.L
P.O. Box 500596 | Doha – Qatar
Phone: +974 44691210 | Fax: +974 44165280
office.qatar@ha-be.com | www.qa.ha-be.com
- **Further information obtainable from:** office.uae@ha-be.com
- **Emergency telephone number:**
0049 5151 587-0
Only available during office hours.

2 Hazards identification

- **Classification of the substance or mixture**



Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
Causes serious eye irritation.
- **Precautionary statements**
Wash thoroughly after handling.
Wear eye protection / face protection.
IF IN EYES: 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.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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Trade name: **Ha - Be CSD Types**- **vPvB**: Not applicable.

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3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**- **Description:** Mixture of substances listed below with nonhazardous additions.- **Dangerous components:**

77-92-9 citric acid

 Eye Irrit. 2A, H319

10-25%

4 First aid measures

- **Description of first aid measures**- **General information:** Immediately remove any clothing soiled by the product.- **After inhalation:** Supply fresh air; consult doctor in case of complaints.- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.- **After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

- **Information for doctor:**- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Firefighting measures

- **Extinguishing media**- **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.- **Special hazards arising from the substance or mixture** No further relevant information available.- **Advice for firefighters**- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- **Reference to other sections** No dangerous substances are released.

7 Handling and storage

- **Handling:**- **Precautions for safe handling** Avoid contact with eyes and skin- **Information about fire - and explosion protection:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Colour:	Different according to colouring
- **Odour:** Characteristic
- **pH-value at 20 °C:** 2.5

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- **Change in condition**
- Melting point/freezing point:** Undetermined.
- Initial boiling point and boiling range:** > 100 °C
- **Flash point:** Not applicable.
- **Explosive properties:** Product does not present an explosion hazard.
- **Density at 20 °C:** 1 g/cm³
- **Solubility in / Miscibility with water:** Fully miscible.
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

14 Transport information

- | | |
|--|--|
| - UN-Number | |
| - ADR, ADN, IMDG, IATA | Void |
| - UN proper shipping name | |
| - ADR, ADN, IMDG, IATA | Void |
| - Transport hazard class(es) | |
| - ADR, ADN, IMDG, IATA | |
| - Class | Void |
| - Packing group | |
| - ADR, IMDG, IATA | Void |
| - Environmental hazards: | Not applicable. |
| - Special precautions for user | Not applicable. |
| - Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| - Transport/Additional information: | Not dangerous according to the above specifications. |
| - UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
Causes serious eye irritation.
- **Precautionary statements**
Wash thoroughly after handling.
Wear eye protection / face protection.
IF IN EYES: 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.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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Trade name: Ha - Be CSD Types**- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

- Relevant phrases

H319 Causes serious eye irritation.

- Abbreviations and acronyms:

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

— AE —