

HPD UNIQUE IDENTIFIER: 344507463599104  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 03 05 00 Common Work Results for Concrete  
PRODUCT TYPE: Structural Concrete Products, Admixture  
PRODUCT DESCRIPTION: MegaAdd CGA is a single-component, liquid alkaline accelerator formulated primarily from sodium silicate solution and water for use in cementitious grouts, mortars, and slurries where rapid setting and early strength development are required. The product is chloride-free, fully water-soluble, and designed to be dosed into grout streams at the point of injection, promoting rapid gel formation and controlled acceleration of cement hydration without introducing volatile organic compounds or organic solvents. MegaAdd CGA is non-flammable, not classified as dangerous for transport, and does not contain intentionally added substances of very high concern (SVHCs) above 0.1% (w/w). In use, the accelerator becomes chemically and physically bound within the hardened cement matrix, forming an inert part of the final construction material. Appropriate personal protective equipment (gloves, goggles, and mask) is recommended during handling due to the product's alkaline nature.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|                                                         |                                                                  |                                                                            |
|---------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Nested Materials Method | Residuals/Impurities Evaluation<br>Completed in 1 of 1 Materials | For all contents above the threshold, the manufacturer has:                |
| Threshold Disclosed Per<br>→ Product                    | Explanation(s) provided for Residuals/Impurities?<br>Yes         | Characterized<br>Provided weight and role.<br>Yes                          |
| Threshold Level<br>→ 100 ppm                            |                                                                  | Screened<br>Provided screening results using HPDC-approved methods.<br>Yes |
|                                                         |                                                                  | Identified<br>Provided name and CAS RN or other identifier.<br>Yes         |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
MEGAADD CGA | SODIUM SILICATE LT-P1 | END | SKI | EYE WATER  
BM-4

Number of Greenscreen BM-4/BM3 contents ... 1  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3.0 and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4.1 MR Credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

PFAS DETAILS:

This product does not contain intentionally added PFAS, but it is unknown if PFAS is contained in materials or substances from suppliers.

Attestation:



2026-02-10

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method - Not tested  
Management: ISO 9001:2015 Quality management systems  
Management: ISO 14001:2015 - Environmental management systems

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Pre-checked for LEED v5 Human Health 1.

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

|                                                                                                                                                                                                                                                                                                                       |                                                    |                                              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------|--|
| MEGAADD CGA                                                                                                                                                                                                                                                                                                           |                                                    | %: 100.0000                                  |  |
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                            | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Geologically Derived Material |  |
| RESIDUALS AND IMPURITIES NOTES: CONMIX LTD. worked with the HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. |                                                    |                                              |  |
| OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.                                                                                                                                                                                                                             |                                                    |                                              |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |                                                   |                                                                                                      |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       | HAZARD SCREENING DATE: <b>2026-03-17 10:54:16</b> |                                                                                                      |                                    |
| %: <b>85.0000 - 95.0000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b>                                   | NANO: <b>No</b>                                                                                      | SUBSTANCE ROLE: <b>Accelerator</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LIST NAME AND SOURCE                  |                                                   | WARNINGS                                                                                             |                                    |
| END                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TEDX - Potential Endocrine Disruptors |                                                   | Potential Endocrine Disruptor                                                                        |                                    |
| SKI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GHS - New Zealand                     |                                                   | Skin corrosion category 1C                                                                           |                                    |
| EYE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GHS - New Zealand                     |                                                   | Serious eye damage category 1                                                                        |                                    |
| SKI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GHS - Australia                       |                                                   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |                                    |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LIST NAME AND SOURCE                  |                                                   | NOTIFICATION                                                                                         |                                    |
| RESTRICTED LIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Green Science Policy Institute (GSPI) |                                                   | GSPI - Six Classes Precautionary List                                                                |                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |                                                   | Antimicrobials                                                                                       |                                    |
| SUBSTANCE NOTES: Sodium silicate acts as the primary active accelerator in MegaAdd CGA, responsible for promoting rapid setting and early strength development in cementitious grouts and slurries. It reacts with calcium ions released during cement hydration to form additional calcium silicate hydrate (C–S–H) gel, which accelerates stiffening and hardening of the grout. This mechanism enables fast gel formation, improved early stability of injected grouts, and secure filling of voids and annular gaps. |                                       |                                                   |                                                                                                      |                                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |                                                   |                                                              |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                     |                                              | HAZARD SCREENING DATE: <b>2026-03-17 10:54:16</b> |                                                              |                                |
| %: <b>5.0000 - 15.0000</b>                                                                                                                                                                                                                                                                                                                                                                                                           | GreenScreen: <b>BM-4</b>                     | RC: <b>None</b>                                   | NANO: <b>No</b>                                              | SUBSTANCE ROLE: <b>Carrier</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                          | LIST NAME AND SOURCE                         |                                                   | WARNINGS                                                     |                                |
| None found                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              |                                                   | No warnings found on HPD Priority Hazard Lists               |                                |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                  | LIST NAME AND SOURCE                         |                                                   | NOTIFICATION                                                 |                                |
| EXEMPT                                                                                                                                                                                                                                                                                                                                                                                                                               | European Union / European Commission (EU EC) |                                                   | EU - REACH Exemptions                                        |                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |                                                   | Exempted from REACH Annex IV listing due to intrinsic safety |                                |
| SUBSTANCE NOTES: In MegaAdd CGA, water functions as the carrier medium that dissolves and stabilises the sodium silicate, enabling the product to be supplied as a pumpable liquid. This allows accurate metering, easy handling, and uniform dispersion of the active silicate throughout cementitious grouts. The presence of water also supports formulation stability and consistent performance during storage and application. |                                              |                                                   |                                                              |                                |



### Section 3: Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

| VOC EMISSIONS                                | CDPH Standard Method - Not tested        |                            |
|----------------------------------------------|------------------------------------------|----------------------------|
| COMPLIANCE TYPE: Self-declaration            | ISSUE DATE: 2026-02-06                   | EXPIRY DATE: No expiration |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None |                                          |                            |
| COMPLIANCE DETAILS:                          |                                          |                            |
| COMPLIANCE SCOPE:                            |                                          |                            |
| APPLICABLE FACILITIES: Sharjah, UAE          |                                          |                            |
| COMPLIANCE URL:                              |                                          |                            |
| COMPLIANCE NOTES:                            |                                          |                            |
| MANAGEMENT                                   | ISO 9001:2015 Quality management systems |                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                          |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>ISSUE DATE:</b> 2025-10-02                            | <b>EXPIRY DATE:</b> 2028-10-01 |
| <b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Bureau Veritas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                          |                                |
| <b>COMPLIANCE DETAILS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                          |                                |
| <b>COMPLIANCE SCOPE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                          |                                |
| <b>APPLICABLE FACILITIES:</b> 1) Head Office: City Gate Tower, Al Tawuun Area, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-001. 2) Warehouse Factory No. 4, Jurf Industrial Zone 3, P.O. Box 88, Ajman, United Arab Emirates. Certificate Number: DU006558-002. 3) Al Quoz, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006558-003. 4) Dubai Investment Park 1, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006558-004. 5) Industrial Area 12, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-005. 6) Dubai Industrial City, P.O. Box 5936, Dubai, United Arab Emirates. Certificate Number: DU006558-006. 7) Zone R, Al Ghail Industrial Zone, NFZ, P.O. Box 88, Ras Al Khaimah, United Arab Emirates. Certificate Number: DU006558-007. 8) Industrial Area 07, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-008                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                          |                                |
| <b>COMPLIANCE URL:</b> <a href="https://conmix.com/quality-management">https://conmix.com/quality-management</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                          |                                |
| <b>COMPLIANCE NOTES:</b> 1) Head Office (Sharjah): (a) Design, manufacturing, and supply of Ready Mix Concrete. (b) Manufacturing of Dry Mix Concrete and Mortars. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of construction plaster products. (e) Manufacturing of construction chemicals, Pre Mix Plaster and Paints. (f) Manufacturing of Fire Resistant and Retardant materials. (g) Manufacturing of Wall Coating Materials and Paints. (h) Manufacturing of Glues and prepared adhesives. (i) Coating and treatment of metals. 2) Ajman: (a) Design, manufacturing, and supply of Ready Mix Concrete Coating and Treatment of Metals. 3) Al Quoz: (a) Design, manufacturing, and supply of Ready Mix Concrete. 4) DIP: (a) Design, manufacturing, and supply of Ready Mix Concrete. 5) Industrial Area 12, Sharjah: (a) Design, manufacturing, and supply of Ready Mix Concrete. 6) DIC: (a) Manufacturing of Fire Resistant & Retardant materials. (b) Manufacturing of Construction chemicals, Pre Mix Plaster & Paints. (c) Manufacturing of Wall Coating materials and Paints. 7) Ras Al Khaimah: (a) Manufacturing of Dry Mix Concrete and Mortars. (b) Manufacturing of Construction Plaster Products. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of Glues and prepared adhesives. 8) Industrial Area 07, Sharjah: (a) Manufacturing of construction chemicals. |  |                                                          |                                |
| <b>MANAGEMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>ISO 14001:2015 - Environmental management systems</b> |                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                         |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>ISSUE DATE:</b> 2025-10-02                                           | <b>EXPIRY DATE:</b> 2028-10-01 |
| <b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Bureau Veritas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                         |                                |
| <b>COMPLIANCE DETAILS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                         |                                |
| <b>COMPLIANCE SCOPE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                         |                                |
| <b>APPLICABLE FACILITIES:</b> 1) Head Office: City Gate Tower, Al Tawuun Area, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006556-001. 2) Warehouse Factory No. 4, Jurf Industrial Zone 3, P.O. Box 88, Ajman, United Arab Emirates. Certificate Number: DU006556-002. 3) Al Quoz, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006556-003. 4) Dubai Investment Park 1, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006556-004. 5) Industrial Area 12, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006556-005. 6) Dubai Industrial City, P.O. Box 5936, Dubai, United Arab Emirates. Certificate Number: DU006556-006. 7) Zone R, Al Ghail Industrial Zone, NFZ, P.O. Box 88, Ras Al Khaimah, United Arab Emirates. Certificate Number: DU006556-007. 8) Industrial Area 07, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006556-008.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                         |                                |
| <b>COMPLIANCE URL:</b> <a href="https://conmix.com/quality-management">https://conmix.com/quality-management</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                         |                                |
| <b>COMPLIANCE NOTES:</b> 1) Head Office (Sharjah): (a) Design, manufacturing, and supply of Ready Mix Concrete. (b) Manufacturing of Dry Mix Concrete and Mortars. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of construction plaster products. (e) Manufacturing of construction chemicals, Pre Mix Plaster and Paints. (f) Manufacturing of Fire Resistant and Retardant materials. (g) Manufacturing of Wall Coating Materials and Paints. (h) Manufacturing of Glues and prepared adhesives. (i) Coating and treatment of metals. 2) Ajman: (a) Design, manufacturing, and supply of Ready Mix Concrete Coating and Treatment of Metals. 3) Al Quoz: (a) Design, manufacturing, and supply of Ready Mix Concrete. 4) DIP: (a) Design, manufacturing, and supply of Ready Mix Concrete. 5) Industrial Area 12, Sharjah: (a) Design, manufacturing, and supply of Ready Mix Concrete. 6) DIC: (a) Manufacturing of Fire Resistant & Retardant materials. (b) Manufacturing of Construction chemicals, Pre Mix Plaster & Paints. (c) Manufacturing of Wall Coating materials and Paints. 7) Ras Al Khaimah: (a) Manufacturing of Dry Mix Concrete and Mortars. (b) Manufacturing of Construction Plaster Products. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of Glues and prepared adhesives. 8) Industrial Area 07, Sharjah: (a) Manufacturing of construction chemicals. |  |                                                                         |                                |
| <b>MANAGEMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>ISO 45001:2018 Occupational health and safety management systems</b> |                                |

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Bureau Veritas

COMPLIANCE DETAILS:  
COMPLIANCE SCOPE:

APPLICABLE FACILITIES: 1) Head Office: City Gate Tower, Al Tawuun Area, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006557-001. 2) Warehouse Factory No. 4, Jurf Industrial Zone 3, P.O. Box 88, Ajman, United Arab Emirates. Certificate Number: DU006557-002. 3) Al Quoz, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006557-003. 4) Dubai Investment Park 1, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006557-004. 5) Industrial Area 12, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006557-005. 6) Dubai Industrial City, P.O. Box 5936, Dubai, United Arab Emirates. Certificate Number: DU006557-006. 7) Zone R, Al Ghail Industrial Zone, NFZ, P.O. Box 88, Ras Al Khaimah, United Arab Emirates. Certificate Number: DU006557-007. 8) Industrial Area 07, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006557-008.

COMPLIANCE URL: <https://conmix.com/quality-management>

COMPLIANCE NOTES: 1) Head Office (Sharjah): (a) Design, manufacturing, and supply of Ready Mix Concrete. (b) Manufacturing of Dry Mix Concrete and Mortars. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of construction plaster products. (e) Manufacturing of construction chemicals, Pre Mix Plaster and Paints. (f) Manufacturing of Fire Resistant and Retardant materials. (g) Manufacturing of Wall Coating Materials and Paints. (h) Manufacturing of Glues and prepared adhesives. (i) Coating and treatment of metals. 2) Ajman: (a) Design, manufacturing, and supply of Ready Mix Concrete Coating and Treatment of Metals. 3) Al Quoz: (a) Design, manufacturing, and supply of Ready Mix Concrete. 4) DIP: (a) Design, manufacturing, and supply of Ready Mix Concrete. 5) Industrial Area 12, Sharjah: (a) Design, manufacturing, and supply of Ready Mix Concrete. 6) DIC: (a) Manufacturing of Fire Resistant & Retardant materials. (b) Manufacturing of Construction chemicals, Pre Mix Plaster & Paints. (c) Manufacturing of Wall Coating materials and Paints. 7) Ras Al Khaimah: (a) Manufacturing of Dry Mix Concrete and Mortars. (b) Manufacturing of Construction Plaster Products. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of Glues and prepared adhesives. 8) Industrial Area 07, Sharjah: (a) Manufacturing of construction chemicals.

+ Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

E Section 5: General Notes

MegaAdd CGA is a ready-to-use liquid alkaline accelerator specifically formulated for use in highly fluid cementitious grouts, mortars, and cement slurries intended for injection applications. The product is primarily designed for back-fill grouting behind precast concrete segments in tunnels excavated using

Tunnel Boring Machines (TBM), where rapid setting and early strength development are critical. It is also suitable for grouting and fixing works, levelling of uneven substrates, concrete repair of water leaks in channels, and temporary pre-plugging of leaks in cracks, honeycombs, and other defects. MegaAdd CGA is composed mainly of sodium silicate solution (approximately 85–95%) with a small fraction of water (5–15%), supplied as a viscous, odourless, slightly hazy liquid that is fully dispersible in water. The product is chloride-free, non-flammable, and not classified as dangerous for transport, supporting safe handling and compatibility with reinforced concrete applications.

From a technical performance perspective, MegaAdd CGA provides rapid acceleration of cement grout setting, enabling faster work progress and improved early-age strength development, particularly in time-critical injection and back-filling operations. At 25°C, the product has a specific gravity of approximately 1.30–1.32, a pH range of 9–11, and a low viscosity of about 30–70 mPa·s, which facilitates easy dosing and homogeneous dispersion within fluid grout systems. Typical dosage ranges from 2.5–5% by volume of grout, while TBM back-filling applications commonly require 5–10% by volume, depending on required setting time, ground conditions, and surrounding water flows. MegaAdd CGA is compatible with highly fluid cementitious grouts and is effective in neutralizing the retarding effect of plasticising and retarding admixtures such as MegaFlow PRA. Overdosing results in very rapid setting and increased grout viscosity, highlighting the importance of site trials to optimize performance.

## MANUFACTURER INFORMATION

MANUFACTURER: **CONMIX LTD**  
ADDRESS: **9th Floor, The City Gate Tower Opposite Ansar Mall**  
**Al Khalidiya District, Sharjah 5936**  
COUNTRY: **United Arab Emirates**

WEBSITE: **www.conmix.com**  
CONTACT NAME: **Alfred Bulaya**  
TITLE: **QC Engineer**  
PHONE: **+971 6 5126325**  
EMAIL: **conmix@conmix.com**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

### Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | Manufacturing sites to which testing applies               |

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:*

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*