**EUCON STASIS**

**Cement Hydration Stabilizer/Set Retarding Admixture**

**Description**

EUCON STASIS is a dual purpose liquid chemical admixture specially formulated to retard concrete for extended periods of time and can be used to stabilize the wash-out water in the drum of a ready-mix truck and/or a central batch mixer at the concrete plant.

EUCON STASIS will virtually stop the hydration of cement during hot weather or extended pumping operations. EUCON STASIS can be used as a water reducing set retarding admixture to minimize slump loss. The EUCON STASIS when used in combination with other water reducing and or water reducing set retardation admixtures can control slumps of 8 to 10" and retain these slumps for 2 hours or more.

EUCON STASIS eliminates the need to discharge wash-out water into settling pits that may be creating potential environmental problems. EUCON STASIS prevents normal hydration of the portland cement for up to 96 hours depending upon the dosage rate used. EUCON STASIS is designed to reduce the amount of water needed during the wash-out process of a ready mix truck's drum. The material stabilizes or retards the remaining cement to allow for future use of the wash-out water. EUCON STASIS reduces the amount of water, and also protects the environment. It eliminates the need for wash-out pits. EUCON STASIS contains no added chlorides or chemicals known to promote the corrosion of steel.

**Primary Applications**

- Stabilize wash out water
- Concrete requiring water reducing and set retardation
- Concrete requiring extended slump life

**Features/Benefits**

- Eliminates the need to use 200 to 300 gal (757 to 1136 liter) of water to wash-out versus 50 gal (189 L) with EUCON STASIS
- Environmental hazards are reduced because wash-out water is used as batch water for the next load of concrete rather than discharging into settling ponds
- Wash-out time is decreased due to the rapid cleansing action of the proprietary ingredients in EUCON STASIS
- Saves wash-out water
- Protects the environment
- Eliminates wash-out pits
- Reduces clean-up time
- Superior set retardation
- Reduces water requirements
- Retains slump life for 2 hours or more

**Packaging**

EUCON STASIS is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) and 5 gal (18.9 L) pail.

**Shelf Life**

2 years in original, unopened container.

**Specifications/Compliances**

- Meets ASTM C 494 Type B and Type D Admixture
**WARRANTY:** The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid’s installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid’s products for the Buyer’s intended purposes.

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**Precautions/Limitations**

- Wear protective goggles and gloves when handling EUCON STASIS.
- Add to mix independent of other admixtures.
- Care should be taken to maintain EUCON STASIS above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Do not agitate with air.
- In all case, consult the Safety Data Sheet before use.

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**Technical Information**

**Performance Data:**
The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd\(^3\) (307 kg/m\(^3\)) cement content and similar (± 0.5)% air content. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON STASIS.

**Directions for Use**

**Cement Stabilizer**

Discharge all returned or left over concrete. Add 40 to 50 gal (150 to 190 L) of water to the empty ready mix drum. Rinse fins by reversing the drum to back the water to the rear of the drum. Add the required EUCON STASIS directly to the wash water. Bring the EUCON STASIS wash water to the front of the drum and mix at high speeds for at least 60 seconds. Again, reverse the drum and rinse off the mixer fins. Return the rinse water to the front of the mixer and again mix at high speed for 60 seconds.

**Concrete Admixture**

EUCON STASIS should be added to the sand or water. Typical dosage rates for EUCON STASIS are 1 to 16 oz per 100 lb (65 to 1040 ml per 100 kg) of cementitious. It should not come in contact with dry cement or other admixtures until they are mixed in the concrete batch.

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