## THE EUCLID CHEMICAL COMPANY



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# **AEA-92S**

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AIR ENTRAINING AGENT FOR CONCRETE

**AEA-92S** is formulated for use as an air entraining admixture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance. It should be added to the mix independently and not with other admixtures.

#### **PRIMARY APPLICATIONS**

- · Ready mix concrete
- · Structural concrete
- · Mass concrete
- · Paving concrete
- · All exterior concrete

#### **FEATURES / BENEFITS**

- Provides a stable air void system with proper bubble size and spacing. This air void system protects concrete against damage caused by repeated freeze/ thaw cycles
- Concrete is made more resistant to de-icing salts, sulfate attack and corrosive water
- Less mixing water can be used per yard (meter) of concrete and placeability is improved
- Minimizes bleeding and segregation of the concrete

#### SPECIFICATIONS / COMPLIANCES

AEA-92S meets or exceeds the requirements of the following specifications:

- Corps of Engineers Specification CRD-C-13
- ASTM Specification C-260
- AASHTO Specification M-154
- ANSI/NSF STD 61

#### **TECHNICAL INFORMATION**

AEA-92S is an aqueous solution compound of organic chemicals. It is compatible with concrete mixes containing other commonly used Euclid Chemical Company admixtures.

**Shelf life** is 2 years in original, unopened package.

## **Appearance**

AEA-92S is an amber colored material which, when added to concrete does not change the concrete's natural appearance.

#### **PACKAGING**

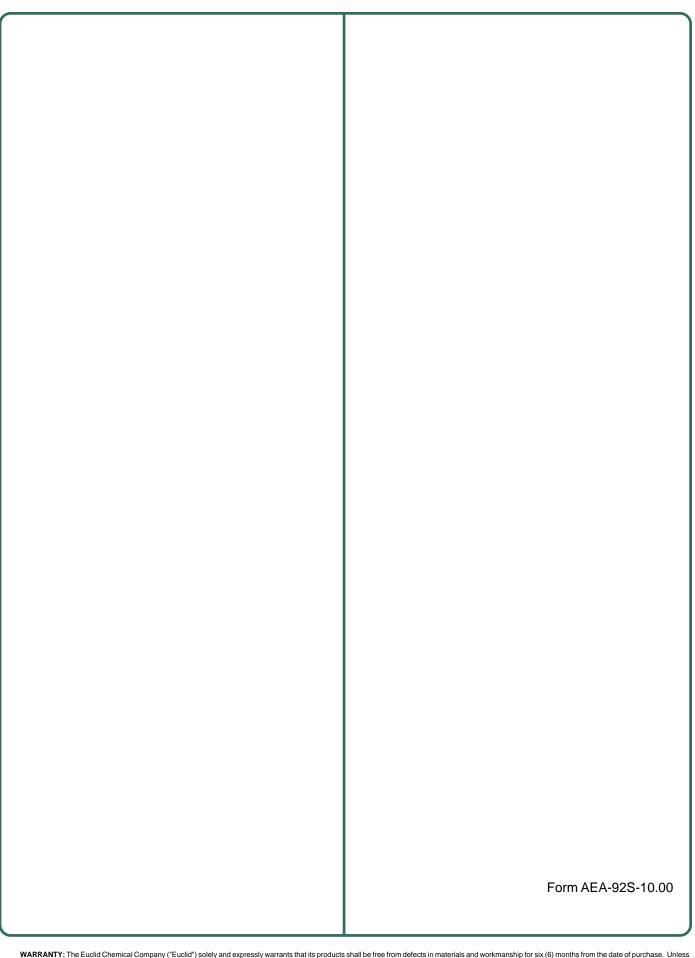
AEA-92S is packaged in bulk, 275 gal (1041 liter) totes, 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

### **DIRECTIONS FOR USE**

1/2 to 2 oz of AEA-92S/100 lb (30-120 ml of AEA-92S/100 kg) of cement will generally entrain 3% - 6% air in concrete. This amount will vary depending on type of cement, fineness of sand, addition of fly ash, temperature, design of the mix, etc. Concrete mixes must be tested regularly to confirm that the proper air content is achieved.

## **PRECAUTIONS / LIMITATIONS**

- Consult your local Euclid Chemical representative for the proper dosage rate adjustments when using fly ash, slag or high range water reducers.
- · Add to the mix independent of other admixtures.



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