



# Material SAFETY DATA SHEET

## Cem-Add AC100

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Cem-Add AC100**  
Description: Liquid acrylic copolymer additive for GFRC  
Manufacturer: **Ayla for Building Materials Industry & Trade**  
Al-Karadeh, Arsat Al-Hindia, Baghdad  
Tel.: +964 790 1488 730  
[www.dcp-int.com](http://www.dcp-int.com)  
Date Prepared: 13.05.11  
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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Water, styrene acrylic copolymer.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Water	-	-	7732-18-5	40 - 70
Styrene acrylic copolymer	-	-	25586-20-3	30 - 50

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

No significant hazard.

### 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.  
Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.  
Inhalation: Remove from exposure – unlikely to occur.  
Ingestion: Wash out mouth with water. Don't induce vomiting. Obtain medical attention.



## 5: FIRE FIGHTING MEASURES

Flash Point:	None.
Special Exposure Hazards:	Material can splatter above 100°C. Polymer film can burn. Irritant fumes.
Extinguishing Media:	Carbon dioxide, powder, foam or water fog – Do not use water jets.
Personal Protective Equipment:	Self-contained breathing apparatus.

## 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent like sand and remove by best available means. Gather into containers.

## 7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact.
Storage:	Store in cool and dry area. Protect from frost.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses/goggles.
Skin Contact:	Impervious gloves (e.g. PVC).
Respiratory Protection:	In case of insufficient ventilation wear suitable equipment. Change contaminated clothing and clean before re-use.
Engineering Controls:	No specific ventilation requirement noted.
Exposure Guidelines:	None assigned.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Milky white
Odour:	Acrylic
pH (concentrate):	6 - 9
Boiling Point (°C):	100°C
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not known
Vapour Pressure (KPa @20°C):	2.3 (water)
Water Solubility:	Emulsifiable

## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2°C.
Chemical Incompatibility:	None known.
Hazardous Decomposition Products:	Thermal decomposition may yield acrylic monomers.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.  
Expected oral LD50, rat > 5000 mg/kg.  
Dermal LD50, rat/rabbit > 5000 mg/kg.

### Health Effects

On Eyes:	May cause transient irritation.
On Skin:	Unlikely to irritate on brief occasional exposure.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.



## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Emulsifiable in water.
Degradability:	Inherently biodegradable.
Bioaccumulation:	Not expected to be bioaccumulative.
Acute Fish Toxicity:	Not expected to be ecotoxic to fish/daphnia/algae.

## 13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off in an approved manner. Do not empty into drains, sewers or water courses.
Used/ Contaminated Product:	As for unused product.
Packaging:	May be steam cleaned and recycled.

## 14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

## 15: REGULATORY INFORMATION

### Hazard Label Data:

This product is **not** classified as dangerous for supply.

### Safety Phrases:

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 16: OTHER INFORMATION

Issue Date: 13/05/2011 Revised Date:

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.