



# Material SAFETY DATA SHEET

## Hyperplast PC280

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Hyperplast PC280**

Description: High performance concrete superplasticiser

Manufacturer: **Ayla Lebanon**  
Port, Jamarek Street (Face Port Pharmacy), Rbeiz Bldg  
Beirut, Lebanon  
Tel.: +961 1 444 562 Fax: +961 1 444 563  
[www.dcp-int.com](http://www.dcp-int.com)

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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polycarboxylate, water.

Hazardous Ingredient(s): None of the significant ingredients of this product are classified as hazardous.

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, not flammable.
Special Exposure Hazards:	None.
Extinguishing Media:	As surrounding fire.
Personal Protective Equipment:	None.

## 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 and remove by best available means. Dispose of as waste. Prior consent must be obtained from the local water company if discharged to sewer.

## 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

Eye Contact:	Safety glasses/goggles.
Skin Contact:	Impervious gloves (e.g. PVC).
Respiratory Protection:	Unlikely to happen.
Engineering Controls:	No specific ventilation requirement noted.
Exposure Guidelines:	None assigned.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Yellowish to brownish
Odour:	Slight /faint
pH (concentrate):	$\cong 7.0$
Boiling Point (°C):	> 100
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not applicable
Explosive Properties (%):	Not applicable
Freezing Point (°C):	$\cong -14$
Relative Density (@25°C):	1.12 – 1.14
Water Solubility:	Soluble

## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 0°C.
Chemical Incompatibility:	Oxidizing agents. Strong acids, strong alkalis.
Hazardous Decomposition Products:	Thermal decomposition yields carbon oxides.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

### Health Effects

On Eyes:	May cause slight 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.
Chronic:	Long term skin contact may cause some local short term irritation.



## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Soluble in water.
Degradability:	Expected to be readily biodegradable.
Bioaccumulation:	Not expected to be bioaccumulative.
Acute Fish Toxicity:	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 through an authorized waste contractor to licensed site.
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:	16/06/2008	Revised Date:	01.03.2016
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