



# Material SAFETY DATA SHEET

## Formcoat GSR

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Formcoat GSR**

Description: Water based surface retarding gel for concrete

Manufacturer: **Ayla Construction Chemicals**  
P.O. Box 1117, Amman 11118 Jordan  
Tel. + 962 6 5338891 Fax: + 962 6 5338829  
[www.dcp-int.com](http://www.dcp-int.com)

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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Water, gel, sugar and inert fillers.

Hazardous Ingredient(s) None of the 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.

Extinguishing Media: Same as surrounding media.

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 or container and remove by best available means. Gather into containers. Dispose off as waste. Residues may be flushed to drain with large volumes of water. Prior consent must be obtained from the Local Water Company if discharged to sewer.

## 7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact. Avoid breathing spray mist.
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).
Inhalation:	When mist occurs during spraying operations, wear suitable respiratory protective equipment.
Respiratory Protection:	In case of insufficient ventilation wear suitable equipment.
Engineering Controls:	No specific ventilation requirement noted.
Exposure Guidelines:	None assigned.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Green
Odour:	Special
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not known
Relative Density (@25°C):	1.40 – 1.50
Water Solubility:	Soluble



## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2°C.
Chemical Incompatibility:	None known.
Hazardous Decomposition Products:	Thermal decomposition yields Oxides of carbon.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2000 mg/kg.

### Health Effects

On Eyes:	May cause transient irritation.
On Skin:	Unlikely to irritate on brief occasional exposure.
By Inhalation:	Mist and vapors may cause irritation to nose and respiratory tract.
By Ingestion:	May cause nausea, vomiting and diarrhea.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Partially soluble in water.
Degradability:	Not expected to be bioaccumulative.
Bioaccumulation:	Not known.
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:	The method of disposal must be acceptable to the local authority.

## 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/eyes.

## 16: OTHER INFORMATION

Issue Date: 17/06/2008

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.