



# Material SAFETY DATA SHEET

## Flocrete VE10

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flocrete VE10**

Description: High performance viscosity enhancer for self compacting concrete

Manufacturer: **Don Construction Products**  
P.O. Box 24839, Doha, Qatar  
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[www.dcp-int.com](http://www.dcp-int.com)

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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Acrylic emulsion in water.

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

### 3: HAZARDS IDENTIFICATION

No significant hazard.

### 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes.

Skin: Wash immediately with soap and water.

Inhalation: Remove from exposure, obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

### 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : None.

Extinguishing Media: Carbon dioxide, powder, foam or water fog – Do not use water jets.

Personal Protective Equipment: Self-contained breathing apparatus.

Special Exposure Hazards: Toxic fumes. Carbon monoxides. Monomer fumes.



## 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 such as sand. Gather into labeled containers. The product can be coagulated with lime and ferric chloride until water clarifies. Wipe up and wash with water.

## 7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep container tightly closed in a cool dry area.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Organic chemical cartridge respirator, if needed.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	No specific ventilation requirements noted.
Exposure Guidelines:	None assigned.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White
Odour:	Light acrylic
PH (concentrate):	Not applicable
Boiling Point (°C) :	100
Flash Point (closed cup) (°C) :	Not applicable
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not Known
Relative Density (@25°C):	1.01 – 1.05
Water Solubility:	Soluble



## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperatures below 0°C.
Chemical Incompatibility:	None known.
Hazardous Decomposition Products:	Thermal decomposition yield carbon monoxides and monomer fumes.

## 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.

### Health Effects

On Eyes:	Causes transient irritation.
On Skin:	Unlike to irritate on brief or occasional exposure.
By Inhalation:	Mist and vapors may cause irritation to nose and respiratory tract.
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 as intended, no adverse environmental effects are foreseen.
Mobility:	Dispersible in water.
Degradability:	Not readily biodegradable.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Can 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 a licensed site. The product can be coagulated with lime and ferric chloride until water clarifies. Wipe up and wash with water.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

## 14: TRANSPORT INFORMATION

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



## 15: REGULATORY INFORMATION

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

## 16: OTHER INFORMATION

Issue Date: 09/05/2012

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.