



Material SAFETY DATA SHEET

Flocrete W50

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flocrete W50**
Description: High performance permeability and absorption reducing admixture
Manufacturer: **DCP Saudi Co**
P.O. Box 66241, Riyadh 11576 Kingdom of Saudi Arabia
Tel. + 966 11 4612003 Fax: + 966 11 2792059
www.dcp-int.com
Date Prepared: 16.06.08
MSDS Number: DCP/01/06/30

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Potassium hydroxide, fatty acids and water.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Potassium hydroxide	C	R22, 35	1310-58-3	6

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Harmful if swallowed.
Causes severe burns.
Classification: Xi. R22, 35

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.
Skin: Wash immediately with copious quantities of soap and water. Obtain medical attention.
Inhalation: Remove from exposure; obtain medical attention for any breathing difficulty.
Ingestion: Wash out mouth with water. Give cold water. Do not induce vomiting. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Flash Point:	None.
Extinguishing Media:	water spray, dry chemicals, alcohol foam or carbon dioxide.
Personal Protective Equipment:	Full protective clothing and self- contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots and protective clothing before.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak with inert absorbent like sand and gather into containers.

7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact.
Storage:	Store in cool and dry area away from acids and alkalies.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses/goggles which can be tightly sealed.
Skin Contact:	Protective chemical resistance gloves, aprons and boots.
Engineering Controls:	No special ventilation noted.
Hygiene Measures:	Avoid skin and eye contact, change contaminated clothing immediately and clean before use.
Exposure Limits:	Not applicable.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear to yellowish
Odour:	Alkaline
pH (concentrate):	9
Boiling Point (°C):	> 110
Flash Point (closed cup) (°C):	None
Freezing Point (°C):	≅ 0
Relative Density (@25°C):	1.01 – 1.03
Autoflammability (°C):	Not determined
Water Solubility:	Soluble

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	No information found.
Chemical Incompatibility:	Strong acids.
Hazardous Decomposition Products:	Thermal decomposition yields toxic fumes.

11: TOXICOLOGICAL INFORMATION

Health Effects

On Eyes:	May cause irreversible damage to eyes if not removed promptly.
On Skin:	Causes burns.
By Inhalation:	May cause irritation to respiratory tract.
By Ingestion:	Causes severe damage to throat and digestive tract.
Chronic:	May cause chemical burns for long use.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	No environmental effects should show if used and disposed as intended.
Mobility:	Liquid, soluble in water.
Degradability:	No information.
Bioaccumulation:	No information.
Acute Fish Toxicity:	Expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATION

Unused Product:	Disposal must be in accordance with local and national legislation.
Used/ Contaminated Product:	As for unused product.
Packaging:	Dispose of through an authorized contractor.

14: TRANSPORT INFORMATION

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

15: REGULATORY INFORMATION

Hazard Label Data:

Xi



Irritant

Named Ingredients: Potassium hydroxide

UN Number: 1719

Risk Phrases:

R22 Harmful if swallowed.

R35 Causes severe burns.

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.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16: OTHER INFORMATION

Issue Date: 16/06/2008

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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.