

## MATERIAL SAFETY DATA SHEET



Edition: Jan 2011

### 1. IDENTIFICATION

PRODUCT NAME: **EPSILONE WR 220**

DESCRIPTION: THIRD GENERATION WATER REDUCING & RETARDING ADMIXTURE

**SUPPLIER / MANUFACTURER:**

SODAMCO Qatar: Rayan Road Al Musheireb, P.O. Box 22520- Doha-QATAR  
 SODAMCO UAE: Industrial city, ICAD III, P.O. Box 96082 Abu Dhabi – UAE  
 Al Quoz industrial area, P.O. Box 31320 Dubai - UAE  
 SODAMCO KSA: Bin Abdul Aziz Str., P.O. Box 222 –Jeddah 21411- KSA  
 Salahuddin Al Ayoubi Str. Bldg No.5 Riyadh - KSA  
 SODAMCO Jordan: Tha'labah al ameli Str., P.O. Box 710844 Amman 11171- JORDAN  
 SODAMCO Lebanon: Nahr el-Mot - Beirut- LEBANON  
 SODAMCO S.A.L: Main Road, Hosrayel (jbeil), P.O. Box 11-9666- Beirut-LEBANON  
 SODAMCO Kuwait: P.O. Box 496 Salmiya 22005 State of Kuwait  
 SODAMCO Syria: Kafarsouseh – Damascus Syria  
 SODAMCO Muscat: Al Khuwair, P.O.Box 1982 PC 111, CPO, Muscat - OMAN

**INFORMATION:**

SODAMCO Qatar: 00 974 4 4423816 –SODAMCO UAE: 00971 4 347 2640 - 00971 2 550 9994  
 SODAMCO KSA: 00966 12 668 3295 / 966 11 473 8751 – SODAMCO Jordan: 00962 6 4200417 – SODAMCO Lebanon: 00961 70 258 393 – SODAMCO S.AL: 00961 9 790 920 –  
 SODAMCO Syria: 00963 11 214 5548 – SODAMCO Kuwait: 00965 2 571 6404 – SODAMCO Muscat : 00968 2 439 1914/5

### 2. COMPOSITION / INGREDIENTS

Chemical Family : Polycarboxylate  
 Case number: trade secret

### 3. HAZARDS IDENTIFICATION

Health : None  
 Environmental : None known  
 Physical and Chemical : None  
 Specific : None

### 4. FIRST AID MEASURES

Inhalation : Inhale fresh air  
 Skin Contact : Wash with clean flowing water  
 Eye Contact : Rinse or flash out with water and consult a doctor if irritation persists  
 Ingestion : None. Drink large amount of water.  
 Do not induce vomiting. Do not give water to unconscious person. Contact physician if irritation persists.

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### 5. FIRE FIGHTING MEASURES

|                              |   |                                                     |
|------------------------------|---|-----------------------------------------------------|
| Flammability                 | : | not flammable                                       |
| Means of Extinction          | : | water spray by avoiding contact with phreatic water |
| Special Protective Equipment | : | Respiratory mask                                    |

### 6. ACCIDENTAL RELEASE MEASURES

|                           |   |                                                                                                                          |
|---------------------------|---|--------------------------------------------------------------------------------------------------------------------------|
| Personal Protection       | : | use personal protection equipment                                                                                        |
| Environmental Precautions | : | Avoid infiltration of larger quantities into drains, surface water, ground water and soil.                               |
| Clean Up Procedure        | : | Collect larger quantities mechanically for disposal or possible reuse. Smaller quantities can be washed away with water. |

### 7. HANDLING & STORAGE

|                     |   |                                                              |
|---------------------|---|--------------------------------------------------------------|
| Handling            | : | No special precautions                                       |
| Storage             | : | Normal storage conditions                                    |
| Packaging Transport | : | Cast iron, plastic drums, avoid aluminum and aluminum blends |

### 8. TOXICOLOGICAL PROPERTIES

|                  |   |      |
|------------------|---|------|
| Acute Toxicity   | : | None |
| Chronic Toxicity | : | None |

### 9. EXPOSURE CONTROL / PERSONAL PROTECTION

|                      |   |                                 |
|----------------------|---|---------------------------------|
| Measures/Precautions | : | Adequate ventilation            |
| Personal Protection  | : |                                 |
| Respiratory          | - | respiratory mask is recommended |
| Hand                 | - | not a skin irritant             |
| Eye                  | - | not an eye irritant             |

### 10. PHYSICAL AND CHEMICAL PROPERTIES

|                      |   |                |
|----------------------|---|----------------|
| Appearance           | : | liquid         |
| Color                | : | pale yellow    |
| Odor                 | : | very light     |
| pH (10% solution)    | : | 6.5 ± 1.0      |
| Density              | : | 1.02 ± 0.02    |
| Boiling Point        | : | not applicable |
| Melting point        | : | not applicable |
| Explosive Properties | : | not explosive  |
| Solubility in water  | : | very soluble   |

### 11. STABILITY AND REACTIVITY

|                       |   |                             |
|-----------------------|---|-----------------------------|
| Chemical Stability    | : | stable at normal conditions |
| Conditions reactivity | : | none known                  |

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Hazardous polymerization : none in normal use  
Hazardous decomposition : none in normal use

### 12. DISPOSAL CONSIDERATIONS

May be disposed of under local regulations

### 13. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

### 14. OTHER INFORMATION

*This safety data sheet should be used in conjunction with the product's technical data sheet. It does not replace it. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.*