

MATERIAL SAFETY DATA SHEET



Edition: August 2014

1. IDENTIFICATION

PRODUCT NAME: **EPSILONE PC 408**

DESCRIPTION: Special superplasticizer for high performance precast and ready mix concrete

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 1094 PC 133, 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 24 21 83 61 /00968 24 21 83 62

2. COMPOSITION / INGREDIENTS

Chemical Family : Polycarboxylate
Case number: trade secret

3. HAZARDOUS 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 | : | Light brown |
| Odor | : | very light |
| pH (10% solution) | : | 6.5 +/- 1.0 |
| Density | : | 1.035 |
| Boiling Point | : | not applicable |
| Melting point | : | not applicable |
| Explosive Properties | : | not explosive |
| Solubility in water | : | very soluble |

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11. STABILITY AND REACTIVITY

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