



## DEVOLOPE BETA FULCA CL-1

## Naphthalene Sulphonate

**CHEMICAL NAME** Poly(Beta Naphtalene Sulphonic Acid Condensation) Calcium Salt

**Molecular Formula**  $C_{11}H_9CaO_4S^+$

**CAS No** 37293-74-6

**Einecs No** 609-392-3

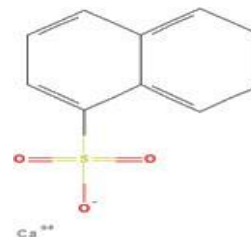
### PRODUCT FEATURES

- ✓ Reduced water/cement ratio
- ✓ Long working time
- ✓ Flowability
- ✓ Freeze/thaw resistance
- ✓ Resistance improvement
- ✓ Smooth surface aspect
- ✓ Lower formaldehyde content to minimize carcinogenic risk.
- ✓ Gypsum based plasterboards are widely used for in-house walls and ceilings.
- ✓ Due to the handling and transport advantages, light-weight boards are preferred. The use of foam allows for reducing the plasterboard core weight but, cause bubbles in the core and low fluidity.
- ✓ Bubbles also cause less mechanical strength.
- ✓ Plasterboards are produced from slurries containing calcium sulphate hemihydrate.
- ✓ Excess water coming from The hemihydrate and water of the slurry have to be removed by drying in a kiln which consumes significant amount of energy.

### USE AREA

- ✓ Cleaning and caring - Cleaner
- ✓ Construction - Concrete and cement
- ✓ Power generation
- ✓ Textiles and Leather
- ✓ Plasterboard / Gypsum Board

### STRUCTURE



### PHYSICAL PROPERTIES

<b>Specific Gravity (@20°C),g/cm<sup>3</sup></b>	1,195 – 1,215
<b>pH (@25°C)</b>	6,0 – 8,5
<b>Solid Content %</b>	39,0 – 41,5
<b>Na<sub>2</sub>SO<sub>4</sub></b>	< 0,5
<b>Appearance</b>	Dark Brown Liquid
<b>Free Formaldehyde, ppm</b>	< 10

### SAFETY

No significant hazards associated with this material.

### PACKAGE

Container, Drum and IBC

### STORAGE

The product should be stored in original packing at normal temperature and to be protected from direct sunlight exposure.

### MKS DEVO CHEMICALS

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