

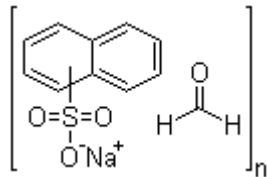
Polymol SNF Powder (Sulphonated Naphthalene formaldehyde condensate, sodium salt)

- ❖ **Superplasticizer having powerful dispersing properties and capable to producing very mobile free flowing pump able concrete.**
- ❖ **An excellent synthetic auxiliary dispersing agent for neutralization, dye leveling and a precipitating agent for chemical and allied industries.**

Nature: Naphthalene sulfonic acid formaldehyde polycondensate, sodium salt.

CAS Number 9084-06-4

Properties: The **Polymol SNF** anionic surfactants are a series of sodium salts of alkyl naphthalene sulfonic acid formaldehyde condensate. These products provide excellent wetting, dispersing, hydrotroping and medium to low foaming. They offer acid and base stability, hard-water tolerance and high temperature stability. The **SNF** naphthalene sulfonate–formaldehyde condensates are used primarily as dispersants in a wide variety of industrial applications. If stored properly in its original sealed packaging the shelf life is at least 12 months.



Polymol SNF is a sodium salt of polymeric naphthalene sulfonate condensates. As a powder, it is a convenient alternative to liquids if your process or storage capabilities are not suitable. As a low molecular weight dispersant with moderate levels of sodium sulfate; it is especially useful in dispersions having low solids content. Because of its economy and versatility, it finds use in many industrial applications. When heated to decomposition it emits toxic fumes of oxide of sulphur and carbon.

Polymol SNF is readily soluble in water, glycerol, ethylene glycol and diethylene glycol and slightly soluble in most alcohols, but insoluble in most organic solvents. Solubility is not appreciably affected by salts and acids. Used as a major ingredient in different types of Superplasticizer formulations. In concrete, it enhances the flow properties of the mix by dispersing the cement particles and breaking up agglomerates, improving workability of the mix. and acids.

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Special features

- ❖ It is a powerful water reducing agent used for concrete and cement grouts.
- ❖ This is an excellent dispersing agent.
- ❖ Designed to offer wider tolerances in formulations for concrete admixture manufacturers.
- ❖ It is compatible with most of the additives used in admixture formulations.
- ❖ It helps in producing concrete with various unique properties.

Specification:	Appearance	:	Brownish powder
	pH value (1:10)	:	6.5 to 8.5
	Solubility	:	Completely soluble in water.
	Sodium sulphate	:	Max. 10 %
	Solid	:	Minimum 95 %
	Chloride content	:	Below 200 ppm

Application: Construction industry: High Range water reducer in concrete. Water reduction in concrete up to 20 %. Higher slump with lower water – cement ratio. Flow able & pump able concrete with improved rheology. Possess homogeneous, free from Honeycombing and dense concrete. High strength due to reduced water – cement ratio.

Packing: Polymol SNF powder is available in 25 kg HDPE & Paper bag. Alternative packing sizes may be available upon request.