

# [Technical Information]

## Polymol LS Powder

### Gujarat Polysol Chemical Pvt. Ltd.

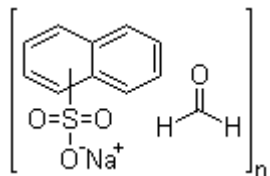
Plot no.-1734, 3<sup>rd</sup> phase, G.I.D.C, Vapi(Gujarat)-INDIA  
Tel-091-0260-2426407, Web: www.gujaratpolysol.com

- ❖ **Sodium Salt of Naphthalene- Formaldehyde Condensate with a low degree of polycondensation and free of free formaldehyde content.**
- ❖ **Polymol LS is a versatile stabilizer for aqueous suspensions, emulsions and for aqueous solution of surfactants & other auxiliaries.**
- ❖ **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 LS** 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 LS** 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.

*This information is based on our present state of knowledge and its intended to provide general notes on our products and their uses. It should not therefore be constructed as guaranteeing specific properties of the products described on suitability for particular application.*

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<b>Specification:</b>	Appearance	:	Light brownish powder
	pH value (1:10)	:	7.0 to 10.0 approx
	Solubility	:	Completely soluble in water.
	Sodium sulphate	:	Max. 2 %
	Solid	:	96 ± 1%
	Appearance (in 10 % solution)	:	Clear solution
	Free HCHO	:	Below 50 ppm

**Application:** Polymol LS is used in Textile Oil industry: Functioning as an anti friction agent in oil rigging operation. resistant to alkalis, acids and salts. It is anionic and has good compatibility with other anionic auxiliaries.  
It is efficient wetting and levelling agent for dyeing of Acid, Pigment, Direct Chrome, Sulphur & Vat dyes on cotton & wool.  
Also suitable for uniform dyeing of mixed fabrics.  
Used as a wetting agent in manufacture of disperse dyes.  
**POLYMOL LS POWDER** is also a versatile emulsifying and stabilizing agent for dispersions including SBR Latex.

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

***Pollution reducing & Environment friendly.***

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