



# HANS CHEMICALS PRIVATE LIMITED

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## TECHNICAL DATA SHEET

### HANSMOL NKS POWDER

Stabilizer, dispersing agent, plasticizer and a precipitating agent for chemical & allied industries.

#### **CHARACTERISTICS**

<b>Chemical Nature</b>	:	Sodium Salt of Naphthalene-Fomaldehyde Condensate with a low degree of polycondensation
<b>Form</b>	:	Powder
<b>Colour</b>	:	Light Brownish Powder
<b>Concentration (% A.I.)</b>	:	82-85%
<b>Water Content</b>	:	3-5%
<b>Sodium Sulphate</b>	:	15%
<b>Molar Mass G/Mol</b>	:	CA/5000
<b>pH (10% in water)</b>	:	6-8
<b>Appearance in 10% Solution</b>	:	Clear

#### **PROPERTIES**

Hansmol NKS is resistant to alkalis, acid and salts. It is anionic and has good compatibility with anionic auxiliaries. Precipitation can occur in presence of cationic substances.

#### **APPLICATIONS:**

- ❖ Hansmol NKS is a versatile stabilizer for aqueous suspensions emulsions and aqueous solution of surfactants & other auxiliaries.
- ❖ Grinding aid & dispersing agent for Dyes & pigments in aqueous media
- ❖ Laking agent for basic dyes
- ❖ Good Liquefying for concrete & motor mixes.