

## Technical Data Sheet

### Nonyl Phenols

#### PRODUCT DESCRIPTION

Nonyl Phenol (NP) is a high-purity alkylphenol widely used as a key intermediate in the production of nonionic surfactants, antioxidants, lubricants, and specialty chemicals. It offers excellent chemical stability, hydrophobicity, and reactivity, making it suitable for applications in detergents, emulsifiers, resins, and industrial formulations.

#### CHEMICAL INFORMATION

Parameter	Details
<b>CHEMICAL INFORMATION</b>	<b>Nonyl Phenol</b>
<b>Molecular Formula</b>	<b>C<sub>15</sub>H<sub>24</sub>O</b>
<b>CAS Number</b>	<b>25154-52-3</b>
<b>HS Code</b>	<b>29071300</b>

#### TECHNICAL SPECIFICATIONS

Parameter	Method	Parameter value	Unit of measurement
Appearance	Item 4.2 of Specification	Transparent oily liquid	-
Color index	GOST 14871	Not more than 10	by iodine color scale
Mass ratio of monoalkylphenols	Item 4.3 of Specification	Not less than 98.0	%
Mass ratio of dialkylphenols	Item 4.3 of Specification	Not more than 1.0	%
Mass ratio of phenol	Item 4.3 of Specification	not more than 0.1	%
Mass ratio of water	GOST 14870	Not more than 0.05	%
Open-cap flashpoint	GOST 4333	Not less than 142	°C