

# KÖSTROSOL<sup>®</sup> 2040 P

Köstrosol<sup>®</sup> 2040 P is a opalescent aqueous dispersion of amorphous silicon dioxide nanoparticles. This middle-size colloidal silica has a negatively charge surface (anionic) which is stabilized by Alkaline (Na<sup>+</sup>).

<b>CHEMICAL MARKING:</b>	aqueous, colloidal silica dispersion
<b>CHEMICAL FORMULA:</b>	SiO <sub>2</sub> x H <sub>2</sub> O
<b>STABILIZATION:</b>	Na <sup>+</sup> ; negatively charged surface
<b>(SURFACE-) MODIFICATION:</b>	without
<b>PROTECTION AGAINST BIO-ORGANISMS:</b>	contains a biocide agent
<b>PROTECTION AGAINST FREEZING:</b>	without
<b>APPEARANCE:</b>	opalescent liquid
<b>MSDS NO.:</b>	KS040106
<b>RECOMMENDATION FOR STORAGE AND HANDLING:</b>	Transportation and storage in closed original container; protect from permanent light. Frost-susceptible Material! Ideal storage temperature between 5 - 25 °C. Shelf life (in unopened original packaging): 12 months

## CHARACTERISTIC PROPERTIES

Köstrosol<sup>®</sup> 2040 P with controlled specification values receives a documented addition of 200-300 mg/kg Dowicil<sup>®</sup> 75.

PROPERTY	UNIT	VALUE
Specific Surface Area	m <sup>2</sup> /g	140
Residue	% (w/w)	40.2
Density (@ 20 °C)	g/cm <sup>3</sup>	1.292
Free Alkalinity (as Na <sub>2</sub> O)	% (w/w)	0.26
pH value (@ 25 °C)		9.6
Viscosity, dynamic (@ 25 °C)	mPa s	9

Special customer related specifications can be agreed.

## REGISTRATION

<b>CAS NO.</b>	7631-86-9
<b>EINECS NO.</b>	231-545-4
<b>REACH</b>	01-2119379499-16-0065



### PACKAGING

Following standard packaging is available:

- Road Tanker: ~ 24 mt
- Intermediate Bulk Container (IBC): 1000 L
- plastic bung hole drum: 220 L

Further packaging available on request.

### HEALTH AND SAFETY

No dangerous goods

No hazardous material as defined by the transport regulations.

Material Safety Data Sheet available on request.

### CERTIFICATES

CWK is certified according to ISO 9001, ISO 14001 and ISO 50001.