

**PRODUCT TECHNICAL SPECIFICATION**  
STW: 649/6

**TRADE NAME**            **Roflex 50**

**CHEMICAL NAME**      Phenol, isopropylated, phosphate (3:1)

**TECHNICAL REQUIREMENTS**

Appearance at 20±25 °C .....	homogenous, clear liquid
Acid value, mgKOH/g .....	max. 0,1 (MB-0051)
Density at 25 °C, g/ml .....	1,15 ÷1,25 (PN-C-82057:2000)
Viscosity at 25 °C, mPa·s .....	48 ÷67 (PN-EN ISO 12058-1:2005)
Flash-point, °C .....	min. 228 (PN-EN 22592:2008)
Phenol content, % (m/m) .....	max. 0,05 (GC LA/2073)

**GENERAL DATA**

Other solvents.....	methanol, ethanol, acetone
Solidification point, °C.....	below -20
Odour .....	faint, ester
Molecular weight .....	350 - 370
Solubility in water .....	from 0,330 to 0,367 mg/l in 20°C
Halogen free.	

**APPLICATION**

Used in the plastics industry as an emollient (plasticizer)  
In case Purchaser would like to use the product for different application than indicated in Product Technical Specification, then shall contact PCC Rokita for consultancy, by sending an e-mail to [fosfory@pcc.rokita.pl](mailto:fosfory@pcc.rokita.pl)

<b>PACKAGING</b>	Polyethylene barrels with a capacity of 220 liters and other packaging as agreed with the customer.	
<b>STORAGE CONDITIONS</b>	Store in air-tight closed containers, in covered and well ventilated rooms, in the temperature of -20 °C to 40 °C. Do not allow to direct heating of the product by sunlight, store away from sources of heat and fire, protect from moisture. The substance stability period is 6 months of the date of manufacturing. After that date, Roflex 50 can be used upon verification whether its parameters comply with technical requirements. If the parameters are incompliant, contact the manufacturer to determine further steps.	
<b>TRANSPORT</b>	ADR-RID IMDG ICAO-TI and IATA-DGR	UN 3082, Class 9, packing group III UN 3082, Class 9, packing group III UN 3082, Class 9, packing group III
<b>HAZARD SYMBOL</b>	Pictograms  Signal word	GHS08 GHS09 Warning
<b>H-PHRASES</b>	H361fd H373o H411	Suspected of damaging fertility if swallowed. Suspected of damaging the unborn child if swallowed. May cause damage to organs through prolonged or repeated exposure if swallowed. Toxic to aquatic life with long lasting effects.
<b>P-PHRASES</b>	P202 P260 P273 P281 P308+P313 P405	Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray.. Avoid release to the environment. Use personal protective equipment as required. IF exposed or concerned: Get medical attention. Store locked up.
<b>NUMBER DATA</b>	STW: 649/6 Roflex 50 2014.09.23	