

## PMHP 50 – 55 (LS II grade)

<b>Chemical name</b>	:	menthane, monohydroperoxy derivative
<b>Synonym</b>	:	paramenthane hydroperoxide
<b>CAS number</b>	:	26762-92-5
<b>EC number</b>	:	247-987-6
<b>Molecular weight</b>	:	172.2
<b>Chemical formula</b>	:	C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>
<b>Solvent</b>	:	1-isopropyl-4-methylcyclohexane (paramenthane)

### Specification

Item	Unit	Standard
PMHP content	%	50 – 55
Solvent content	%	45 – 50
Active oxygen content	%	4.64 – 5.11
Density (20°C)	g/ml	0.875 – 0.94
Refractive index (nD20)		1.45 – 1.464
pH of aqueous extract		Min. 4

### Typical values:

Viscosity (20°C) (mPa's)	approx. 8
Flash point (°C)	approx. 70
Solubility in H <sub>2</sub> O (20°C) g/l	approx. 4

### Packing

180kg nett drums, 720kg pallets nett

### Shelf life

6 months after production date, subject to proper storage conditions (please read the MSDS carefully).