

## Material Technical Data Sheets (MTDS)

Update: October 08

A0400

FG

### orthophosphoric acid 85 %

<b>Aspect</b>	Colourless transparent liquid
<b>Formula</b>	H3PO4
<b>CEE</b>	015-011-00-6
<b>CAS</b>	7664-38-2
<b>Merck Index</b>	11, 7318
<b>M</b>	98
<b>Assay</b>	84,0 - 86,10 %
<b>Arsenic</b>	max 1,00 ppm
<b>Chlorides</b>	max 10,00 ppm
<b>Copper</b>	max 5 ppm
<b>Fluoride</b>	max 10,0 ppm
<b>Iron</b>	max 3 ppm
<b>Sulphates</b>	max 100,000 ppm
<b>Density</b>	1,70 g/cm3
<b>Volatile acid</b>	max 10,0 ppm
<b>Cadmium</b>	max 1,00 ppm
<b>Mercury</b>	max 1,00 ppm
<b>Heavy metals</b>	max 10,0000 ppm