

# Technical information

## p-TERPHENYL

Synonyms:	1,4-diphenyl benzene		
CAS number:	92-94-4	EINECS number:	202-205-2
Formula:	C <sub>18</sub> H <sub>14</sub>	Molecular weight:	230.3
HTS number:	29029030	TSCA	

### SPECIFICATION

Appearance:	colorless to pale yellow crystals
Melting point:	min 211.5 °C
Purity	min. 99.9 %
Water	zero
Ash	max. 0.02%

### PROPERTIES

Melting point	213 °C
Odor	pleasant, aromatic
Density	1.23
Boiling point	405 °C at 760 mm Hg
Flash point	207°C
Solubility	organic solvents      soluble water                      insoluble

Stability under inert atmosphere: unchanged at > 300 °C

### PACKING

1 kg tins with PE inner bag

### HEALTH & SAFETY, SHIPPING

RID/ADR	9/12c
Classification	X <sub>i</sub> – irritant N – dangerous to the environment
Codes / markings	R 36/37/38-50/53 S 26-36
UN nr	3077



### APPLICATIONS

- Scintillating agent