

Technical information

BIPHENYL

Synonyms:	diphenyl, lemonene, phenyl benzene, dibenzene		
CAS number:	92-52-4	EINECS number:	202-163-5
Formula:	C ₁₂ H ₁₀	Molecular weight:	154.2
HTS number:	29029030	TSCA	

SPECIFICATION

Appearance:	colorless to pale yellow crystals
Melting point:	min. 68 °C
Purity	min. 99.7 %
Water	zero
Ash	max. 0.01%

PROPERTIES

Melting point	70 °C
Odor	pleasant, aromatic
Density	0.99
Boiling point	255 °C at 760 mm Hg (sublimes)
Flash point	113 °C
Solubility	organic solvents soluble water insoluble

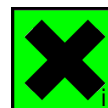
Stability under inert atmosphere: unchanged at > 300 °C

PACKING

20 kg bags on pallets

HEALTH & SAFETY, SHIPPING

RID/ADR	9/12c
Classification	X _i – irritant N – dangerous to the environment
Codes / markings	R 36/37/38-50/53 S 23/60/61
UN nr	3077



APPLICATIONS

- Heat-transfer agent
- Fungistat in packaging citrus fruit. (E230)
- Plant disease control
- Manufacture of benzidine, chlorodiphenyl, diflunisal, fenbufen.
- Dye carrier
- LCD manufacture

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