

# Technical information

## VINYL BENZYL CHLORIDE

Synonym:	4-chloromethyl styrene	
CAS number:	1592-20-7 (30030-25-2)	EINECS number: 216-471-2 (250-005-9)
Formula:	C <sub>9</sub> H <sub>9</sub> Cl	Molecular Weight: 152.6
HTS number.:	29036990	TSCA

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### SPECIFICATION (TENTATIVE)

	<u>VBC 98</u>	<u>VBC 95</u>
p-VBC	98% min.	95% min.
o-VBC/m-VBC	1% max.	5% max.
p-bromobenzene	0.5% max.	-
styrene	-	0.5% max.
inhibited with 75 ppm TBC plus 800 ppm nitromethane		

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### PROPERTIES

Appearance:	Colorless to light yellow liquid with pungent odor	
Flash point	104 °C	
Boiling point	229 °C	
Melting point	-26° C	
Solubility	in water 0,07 %	
Density	1.07 kg/l	
Heat of polymerization ( $\Delta H_p$ , 195° C)	-422 kJ/mol	

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### PACKING

25 kg metal drums with plastic liner, on pallets

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### HEALTH & SAFETY

Classification	Corrosive; lachrymator
RID/ADR	8 / 40 b
DOT	8 (66B)
UN nr	1706
Codes / markings	R 34 S 25/28A/36/37/39



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### APPLICATIONS

- Bifunctional monomer for various polymers

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