



**Benzoyl Chloride**  
**Benzene Carbonyl Chloride**

**Catalog Nr.** Q544

**Definition** Benzoyl chloride, also known as benzenecarbonyl chloride, is a colourless, fuming liquid, C<sub>6</sub>H<sub>5</sub>COCl, with an irritating odour. This substance is used as an intermediate chemical in the preparation of dyes, perfumes, peroxides, pharmaceuticals, and resins. It is also used in photography; as gasoline gum inhibitors, and in the manufacture of synthetic tannins. It was formerly employed as an irritant gas in chemical warfare.

**CAS Number** 98-88-4

**Application** Organic synthesis, synthetic spice, benzoylating agent, intermediates in production of pharmaceutical, pesticide and dyes.

<b>Technical Data</b>	Appearance	colorless liquid
	Density	1.21 g/mL, liquid
	Melting point	-1 °C
	Boiling point	197.2 °C
	Solubility in water	reacts
	EU classification	Toxic, Corrosive
	Flash point	72 °C
	Related compounds	benzoic acid, benzoic anhydride, benzaldehyde

**Packaging & Handling** 55 gal drum, 230 kg x drum

**UN Number 1736      Class 8      Packaging Group 2**

**Remarks**