

Technical Data Sheet

Product Name: PIVALOYL CHLORIDE (PC)

CAS: 3282-30-2

Empirical Formula: C₅H₉ClO

Mol. W: 120.58 g/mol

Synonyms:

Trimethylacetyl Chloride; 2,2 - Dimethylpropanoyl Chloride;
Neopentanoyl Chloride; Pivalic Acid Chloride;
2,2-Dimethyl propionic acid chloride

Product Specification:

Purity by GC (Area %)	: Min 99.50 %
Pivalic Acid	: Max 0.20 %
Pivalic acid anhydride	: Max 0.20 %
Hydrochloric acid	: Max 0.10 %
Sulphur dioxide	: Max 0.20 %
Iron	: Max 2 ppm
Colour (APHA)	: Max 20
Appearance	: Clear Colorless liquid

Physical Properties:

Odour	: Pungent
Melting Point	: -56°C to -57°C
Boiling Point	: 105°C
Specific Gravity	: 0.980 g/cm ³ at 20°C
Refractive Index	: 1.4120 nD ₂₀
Flash Point	: 19°C

Shelf Life:

Based on hold time study data, Pivaloyl Chloride has a shelf life of 6 months in unopened original container if stored at room temperature.

Packaging:

1. Available in 190/200 Kg UN Approved HMHPDE/MS Drums
2. Can also be supplied in ISO Tanks, Customized Packing
3. Customized Packing is available as per requirement of the customer.

Application:

Synthesis of Organic peroxide, mixed anhydrides, t-butyl ketones & peroxyesters.
Key Raw material for various pharmaceuticals, Agrochemicals & Polymers.

Safety & Storage:

Please refer our MSDS

Samples

Sample can be provided on request.

Contact Information:

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Disclaimer

This information is based on our present state of knowledge and is intended to provide general notes on our product and its use. Product properties and criteria for use in catalogues, instruction leaflets, safety data sheets and other information material that we make available to the buyer are not to be understood as guarantee for a particular quality of the products as an agreement on the quality. Any such quality guarantee must be exclusively agreed in writing. Any existing industrial

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