



PRODUCT DATA SHEET

Product Name: PIVALOYL CHLORIDE (PC)
CAS No: 3282-30-2 **Empirical Formula:** C₅H₉ClO **Mol. Wt:** 120.58 g/mol

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

Product Specification:

Assay	: Min 99.50 %
Pivalic Acid	: Max 0.20 %
Pivalic anhydride	: Max 0.20 %
Hydrochloric acid	: Max 0.10 %
Sulphur dioxide	: Max 0.20 %
Iron	: Max 2 ppm
Colour (APHA)	: Max 20
Appearance	: Colorless

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 n _D 20
Flash Point	: 19°C

Shelf Life: 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.

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