

## BASF Valeroyl Chloride

Category : Fluid

**Material Notes:**

Formula: C<sub>5</sub>H<sub>9</sub>ClO CAS: 638-29-9 Description: Valeroyl chloride is a colorless to light yellow liquid with a pungent odor. It hydrolyses in the presence of water. Synonyms: Valeryl chloride, Pentanoyl chloride, n-Butanecarbonyl chloride, n-Pentanoyl chloride, Pentanoic acid chloride Applications: Intermediate used in Pharmaceuticals and Crop protection agent Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Valeroyl-Chloride.php](http://www.lookpolymers.com/polymer_BASF-Valeroyl-Chloride.php)

| Physical Properties | Metric      | English                   | Comments |
|---------------------|-------------|---------------------------|----------|
| Density             | 0.990 g/cc  | 0.0358 lb/in <sup>3</sup> |          |
| Molecular Weight    | 120.6 g/mol | 120.6 g/mol               |          |

| Thermal Properties | Metric       | English      | Comments |
|--------------------|--------------|--------------|----------|
| Melting Point      | <= -50.0 °C  | <= -58.0 °F  |          |
| Boiling Point      | 125 - 127 °C | 257 - 261 °F |          |
| Flash Point        | 32.0 °C      | 89.6 °F      |          |

| Descriptive Properties | Value                   | Comments |
|------------------------|-------------------------|----------|
| Assay                  | >99%                    |          |
| Composition            | 2-Methylbutyrylchloride | <0.5%    |
|                        | 3-Methylbutyrylchloride | <0.25%   |
|                        | Anhydride               | <0.5%    |
|                        | Butyryl chloride        | <0.15%   |
|                        | HCl                     | <0.1%    |
|                        | Phosgene                | <0.1%    |
|                        | Pivaloyl chloride       | <0.1%    |
| Ignition Temperature   | 265°C                   |          |

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