



## PRODUCT DATA SHEET

**Product Name:** N-VALERYL CHLORIDE (VC)  
**CAS No:** 638-29-9      **Empirical Formula:** C<sub>5</sub>H<sub>9</sub>ClO      **Mol. Wt:** 120.58 g/mol

**Synonyms:** Pentanoyl chloride  
Valeryl Chloride  
n-Valeric Acid Chloride  
Pentanoic Acid Chloride

**Product Specification:**

Assay	: Min 99.0 %
n-Valeric acid	: Max 0.20 %
n-Valeric anhydride	: Max 0.20 %
Hydrochloric acid	: Max 0.10 %
n-Butyryl Chloride	: Max 0.10 %
Iron	: Max 5 ppm
Colour (APHA)	: Max 50
Appearance	: Colorless
Sulphur Dioxide	: Max 0.20 %

**Physical Properties:**

Odour	: Pungent
Boiling Point	: 126° C to 129° C
Specific Gravity	: 0.995 to 1.005 g/cm <sup>3</sup> at 20° C
Flash Point	: 32° C
Freezing Point	: < -50° C

**Shelf Life:** N-Valeryl 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.
3. Customized Packing is available as per requirement of the customer.

**Application:** Intermediate for pharmaceuticals, agrochemicals Surfactants fragrances, Electronic Chemicals.

**Safety & Storage:** Please refer our MSDS

**Samples** Sample can be provided on request.

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