

## Technical Data Sheet

**Product Name: 4-CHLORO BUTYRYL CHLORIDE (4CBC)****CAS: 4635-59-0****Empirical Formula: C<sub>4</sub>H<sub>6</sub>Cl<sub>2</sub>O****Mol. W: 141.0 g/mol****Synonyms:****4-Chlorobutanoic acid Chloride****Product Specification:**

Appearance	: Clear Colorless liquid.
Identification by GC	: To comply test
Purity by GC (Area %)	: Min 99.0 %
Gamma butyrolactone	: Max 1.0 %
4-Chlorobutyryl anhydride	: Max 0.20 %
Hydrochloric Acid	: Max 0.20 %
Sulphur Dioxide	: Max 0.20 %

**Physical Properties:**

Melting Point	: -49° C
Boiling Point	: 68.0 – 70.0° C at 12 mm Hg
Flash Point	: 85° C
Ignition Temperature	: 440° C
Density	: 1.257 g/cm <sup>3</sup> at 20° C

**Shelf Life:**

Based on hold time study data, 4 - Chloro Butyryl Chloride has a shelf life of 6 months in unopened original container if stored at room temperature.

**Packaging:**

1. Available in 190 / 200 Kgs UN Approved HM/MS HDPE drums.
2. Can be provided in ISO Tanks
3. Customized Packing is available as per requirement of the customer

**Application:**

Intermediate used in Organic Peroxides, Pharmaceuticals and Crop Protection agents.

**Safety & Storage:**

Please refer our MSDS

**Samples**

Sample can be provided on request.

**Contact Information:**

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