



## PRODUCT DATA SHEET

**Product Name:** 4-CHLORO BUTYRYL CHLORIDE (4-CBC)  
**CAS No:** 4635-59-0      **Empirical Formula:** C<sub>4</sub>H<sub>6</sub>Cl<sub>2</sub>O      **Mol. Wt:** 141.0 g/mol

**Synonyms:** 4-Chlorobutanoic acid Chloride

**Product Specification:**

Assay	: 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:**

Odour	: Unpleasant
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:** 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.

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