1-Bromo-2-chloroethane  

**Product Identifier**

- **CAS No.**: 107-04-0
- **EC No.**: 203-456-0
- **Molecular Formula**: \( \text{C}_2\text{H}_4\text{BrCl} \)
- **Molecular Weight**: 143.41
- **HS Code**: 2903 79 00
- **Storage**: Below 30°C
- **Shelf life**: 4 years

**Technical Specification**

- **Appearance**: Colourless to slightly yellow liquid
- **Solubility**: 33.3 mg soluble in 1 mL of alcohol
- **FTIR**: Matches with the standard pattern
- **Refractive index (n 20/D)**: 1.488 - 1.492
- **Density (at 25°C)**: 1.718 - 1.728 g/mL
- **Assay (GC)**: min. 98.00%

**Safety Information**

- **Signal Word**: Danger
- **Hazard Statement(s)**: H301- H315- H319- H335
- **Precautionary Statement(s)**: P302 + P352- P305+ P351+ P338- P308- P310
- **UN No.**: 2810
- **Class**: 6.1
- **Packing Group**: III
- **RTECS**: Not available
- **WGK**: 3

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