

## Technical data sheet



Product name: **Hydrochloric acid 0.5 N**

Grade: **Titrant**

Chemical formula: HCl

Molar mass: 36.46 g/mol

| General information        |                               |
|----------------------------|-------------------------------|
| Appearance                 | Colorless liquid              |
| Cas- No.                   | 7647-01-0                     |
| Ec- No.                    | N/A                           |
| Solvent                    | Water                         |
| Spec.density               | 1.01 g/cm <sup>3</sup> (20°C) |
| Freezing point             | N/A                           |
| Solub. In H <sub>2</sub> O | Freely soluble                |
| Storage temp               | +15°C to +25°C                |
| R:                         | 34,37                         |
| S:                         | 26,28,36/37/39,45             |

| Specification                     |                           |
|-----------------------------------|---------------------------|
| pH value                          | <1(H <sub>2</sub> O,20°C) |
| Amount-of-substance concentration | 0.4975 - 0.5025 mol/l     |
|                                   |                           |
|                                   |                           |
|                                   |                           |
|                                   |                           |
|                                   |                           |
|                                   |                           |

**Symbol:**



**packaging:**

| Available Pack | 1 lit | 2/5 lit | 5 lit | 10 lit | 20 lit |
|----------------|-------|---------|-------|--------|--------|
| GLASS          | -     | -       | -     | -      | -      |
| P.E            | *     | *       | -     | -      | -      |



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