# Specification

## Sodium perchlorate monohydrate

Chemical formula: $NaClO_4 \cdot H_2O$
Molar mass: 140,46 g/mol
CAS: 7791-07-3
EINECS: 231-511-9

**A.G. (31260)**

| | |
|---|---|
| Appearance | colourless crystals |
| Assay | min. 99,0 % |
| $Cl^-$, $ClO_3^-$ (as $Cl^-$) | max. 0,05 % |
| Sulfate ($SO_4^{2-}$) | max. 0,005 % |
| Fe (Iron) | max. 0,005 % |
| Heavy metals (as Pb) | max. 0,005 % |

**pure (17010)**

| | |
|---|---|
| Appearance | colourless crystals |
| Assay | min. 98,0 % |
| pH (5% water solution) | 4,5 - 7,0 |

Classification of the substance in accordance with Regulation (EC) No 1272/2008

Hazard statements: 271, 319, 302
EUH statements:
Precautionary statements: 220, 305+351+338
Signal word: Danger

ADR/RID: 5.1 /O2 /II
UN 1502