



Product name:

**Potassium sulfate**

**Synonyms:** Potassium pyrosulfate

**CAS number:** 7778-80-5

|                             |                                                         |                                                    |
|-----------------------------|---------------------------------------------------------|----------------------------------------------------|
| <b>General information:</b> |                                                         |                                                    |
|                             | <b>Chemical formula:</b> K <sub>2</sub> SO <sub>4</sub> | <b>Molar Mass:</b> 174.27 g/mol                    |
|                             | <b>Appearance:</b> Colorless and white solid            | <b>Density:</b> 2.66 g/cm <sup>3</sup>             |
|                             | <b>Solub. in water:</b> 111 g/l                         | <b>Melting point:</b> 1067 °C                      |
|                             | <b>Boiling point :</b> 1689 °C/1013 hPa                 | <b>pH value :</b> 5.0-8.5 (H <sub>2</sub> O, 20°C) |
|                             | <b>Storage temp.:</b> +2°C to +30°C                     | <b>Cautions:</b> Not a hazardous substance         |
|                             | <b>R:</b> N/A                                           | <b>S:</b> N/A                                      |
|                             | <b>HS-No.:</b> 3105 10 00                               | <b>EC -No.:</b> 231-915-5                          |

Hazard Symbol

Safety Information

Grade

Extra pure

|                              |   |          |   |  |
|------------------------------|---|----------|---|--|
| <b>Specification:</b>        |   |          |   |  |
| Assay                        | ≥ | 98.0     | % |  |
| Description                  |   | Conforms |   |  |
| Identification (Potassium)   |   | Conforms |   |  |
| Identification (Sulfate)     |   | Conforms |   |  |
| Solubility                   |   | Conforms |   |  |
| Appearance of Solution       |   | Conforms |   |  |
| Chloride                     | ≤ | 0.01     | % |  |
| Suitable for kjeldahl method |   | Conforms |   |  |

| Ordering code | 1 kg            | 2.5 kg | 5 kg      | 10 kg | 20 kg |
|---------------|-----------------|--------|-----------|-------|-------|
| P.E.          | 493.06.01000.02 |        | Per order |       |       |
| Glass         |                 |        |           |       |       |