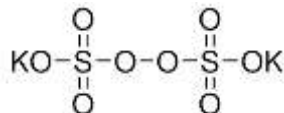


## Product Information

### POTASSIUM PERSULPHATE 98% AR

Potassium Peroxodisulfate



|                   |                                              |                  |                    |
|-------------------|----------------------------------------------|------------------|--------------------|
| Product Code      | O-5156                                       | Grade            | Analytical Reagent |
| Purity            | 98 %                                         | CAS No           | 7727-21-1          |
| Molecular Formula | K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> | Molecular Weight | 270.31 g/mol       |
| H.S.Code          | 2833.2990                                    | Shelf Life       | 60 Months          |

### Physical Properties

|                 |                              |                           |                    |
|-----------------|------------------------------|---------------------------|--------------------|
| Physical state  | Powder                       | Vapour density            | 9.33 - (Air = 1.0) |
| Colour          | White                        | Relative density          | 1,39 at 20 °C      |
| pH              | 2.5 - 4.5 at 27 g/l at 25 °C | Solubility in water       | 27 g/l at 20 °C    |
| Melting point   | 100 °C                       | Auto-ignition temperature | > 600 °C           |
| Vapour pressure | < 0,1 hPa at 25 °C           | Decomposition temperature | 170 °C             |

### Packaging

500 gram

### Specification

|                             |                          |
|-----------------------------|--------------------------|
| Appearance                  | white powder or crystals |
| Assay (iodometric)          | min 98.0 %               |
| Insoluble matter            | max 0.003 %              |
| Chloride (Cl)               | max 0.002 %              |
| Ammonium (NH <sub>4</sub> ) | max 0.0005 %             |
| Arsenic (As)                | max 0.00004 %            |
| Copper (Cu)                 | max 0.001 %              |
| Iron (Fe)                   | max 0.0005 %             |
| Lead (Pb)                   | max 0.001 %              |
| Manganese (Mn)              | max 0.0001 %             |

### Safety Information and Hazard Symbols



Symbol: GHS03, GHS07, GHS08

Signal Word: danger

UN No.: 1492

IMCO Class No.: 5.1

Packing Group: III

Hazardous Statement: H272-H302-H315-H317-H319-H334-H335

Precaution Statement: P210-P220-P280-P301+P312-P302+P352-P305+P351+P338

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