DR. MOJALLALI
Industrial Chemical Complex Company
Laboratory and pharmaceutical chemicals

Product name: **Polyethylene glycol 4000**

| | |
|---|---|
| ***Synonyms:*** | Polyglycol, Polyethylene oxide, Polyoxy ethylene, PEG 4000 |
| ***CAS number:*** | 25322-68-3 |

| *General information:* | | |
|---|---|---|
| | **Chemical formula:** $(C_2H_4O)nH_2O$ | **Molar Mass:** 3500 – 4500 g/mol |
| | **Appearance:** Solid | **Density:** 1.2 g/cm$^3$ (20 °C) |
| | **Solub. in water:** Soluble | **Melting point**: 53-58 °C |
| | **Boiling point:** N/A | **Flash point**: 240 °C |
| | **Storage temp.:** at +15 °C to +25 °C | **Cautions:** Do not eat |
| | **R:** 21/22/36/38 | **S:** 26/ 36/37 |
| | **HS-No.:** 3404 20 00 | **EC-Index-No.:** 500-038-2 |

Hazard Symbol

Safety Information

Grade: Extra Pure

| ***Specification:*** | | | | |
|---|---|---|---|---|
| | Appearance | | Conforms | |
| | Identification (IR) | | Conforms | |
| | Melting point | | 58-63 | °C |
| | pH (100 g/L) | | 5-7 | |
| | Average molecular mass | | 3500-4500 | g/mol |
| | Water | ≤ | 1.0 | % |

| **Ordering code** | 1 Kg | 5 Kg | 10 Kg |
|---|---|---|---|
| P.E. | 447.06.01000.02 | 447.06.05000.02 | 447.06.10000.03 |

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