

Product name:

**Fehling's solution A**

**Synonym:** Fehling's Reagent I for sugars detection

**CAS number:** Not applicable

|                             |   |  |
|-----------------------------|---|--|
| <b>General information:</b> |   |  |
|                             | <b>Composition:</b> CuSO <sub>4</sub> ·5H <sub>2</sub> O solution | <b>Molar Mass:</b> Not applicable      |
|                             | <b>Appearance:</b> Liquid   | <b>Density:</b> 1.04 g/cm <sup>3</sup> |
|                             | <b>Solub. in water:</b> Soluble                                   | <b>Matrix:</b> pure water              |
|                             | <b>Boiling point:</b> > 100 °C                                    | <b>Vapour pressure:</b> 14 mm Hg @200C |
|                             | <b>Storage temp.:</b> Room temperature                            | <b>Cautions:</b> Handle with care      |
|                             | <b>R:</b> -   | <b>S:</b> -                            |
|                             | <b>HS-No.:</b> 3882 90 90   | <b>EC-Index-No.:</b> -                 |

Hazard Symbol



Safety Information

Grade

Titrant

|                       |                                 |   |          |  |
|-----------------------|---------------------------------|---|----------|--|
| <b>Specification:</b> |                                 |   |          |  |
|                       | Appearance                      |   | Conforms |  |
|                       | Factor in titration of sugars   | ≥ | 50       |  |
|                       | Suitability for sugar detection |   | Conforms |  |

|                      |                    |                    |                         |
|----------------------|--------------------|--------------------|-------------------------|
| <b>Ordering code</b> | Ready to use 0.5 L | Ready to use 1.0 L | Concentrate P.E. bottle |
|                      |                    | 750.10.01000.02    |                         |