

Product name:

*Fuchsin acid*

Synonyms:

-

CAS number:

3244-88-0

|                             |                                                      |                                               |
|-----------------------------|------------------------------------------------------|-----------------------------------------------|
| <i>General information:</i> |                                                      |                                               |
|                             | <b>Chemical formula:</b> $C_{20}H_{17}N_3Na_2O_9S_3$ | <b>Molar Mass:</b> 585.54 g/mol               |
|                             | <b>Appearance:</b> Dark green powder                 | <b>Density:</b> N/A                           |
|                             | <b>Solub. in water:</b> 10 g/l                       | <b>Melting point:</b> >130 °C (decomposition) |
|                             | <b>Bulk density:</b> 920 kg/m <sup>3</sup>           | <b>pH value:</b> 3-4 (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> 3212 90 00                            | <b>EC number :</b> 221-816-5                  |

Hazard Symbol

Safety Information

Grade

Indicator (For Microscopy)

|                       |                                             |   |          |    |
|-----------------------|---------------------------------------------|---|----------|----|
| <b>Specification:</b> |                                             |   |          |    |
|                       | Description                                 |   | Conforms |    |
|                       | Solubility                                  |   | Conforms |    |
|                       | Absorption maxima (0.005 mol/l in HCl)      |   | 540-545  | nm |
|                       | Absorptivity (A 1%/1cm at $\lambda_{max}$ ) | ≥ | 800      |    |
|                       | Ratio $\lambda_{max}$ . P +/-15 nm          |   | 1.1-1.26 |    |
|                       | Loss on drying (135 °C)                     | ≤ | 10.0     | %  |

| Ordering code | 10 g | 25 g            | 50 g | 100 g | 250 g |
|---------------|------|-----------------|------|-------|-------|
| P.E.          |      |                 |      |       |       |
| Glass         |      | 610.09.00025.01 |      |       |       |