

**Product Name****Methyl orange****Grade: ACS****Synonyms**

Sodium 4-[[4-(dimethylamino)phenyl]diazenyl]benzene-1-sulfonate

**CAS Number**

547-58-0

**General Information**

|                          |   |                       |                               |
|--------------------------|---|-----------------------|-------------------------------|
| <b>Chemical formula:</b> | C <sub>14</sub> H <sub>14</sub> N <sub>3</sub> NaO <sub>3</sub> S | <b>Molar Mass:</b>    | 327.34 g/mol                  |
| <b>Appearance:</b>       | Orange powder   | <b>Bulk density:</b>  | ~ 200 - 400 kg/m <sup>3</sup> |
| <b>Solub. in water:</b>  | 5 g/l (20 °C)   | <b>Melting point:</b> | > 300 °C                      |
| <b>Boiling point:</b>    | N/A   | <b>Flash point:</b>   | N/A                           |
| <b>Storage temp.:</b>    | Below +30 °C  | <b>Cautions:</b>      | Toxic                         |
| <b>R:</b>                | 25  | <b>S:</b>             | 37-45                         |
| <b>HS-No.:</b>           | 2927 00 00  | <b>EC-Index-No.:</b>  | 208-925-3                     |

**Hazard Symbol****Specification**

|                            |                                       |
|----------------------------|---------------------------------------|
| Clarity of solution        | Conforms                              |
| Visual transition interval | From pH 3.2 (pink) to pH 4.4 (yellow) |

**Ordering Information**

| Volume:        | 10 gr           | 25 gr           | 50 gr           | – | – |
|----------------|-----------------|-----------------|-----------------|---|---|
| <b>Plastic</b> | 607.16.00010.01 | 607.16.00025.01 | 607.16.00050.01 | – | – |
| <b>Glass</b>   | –               | –               | –               | – | – |