

Eosin methylene blue, solution according to May-Grünwald**Identification**

Taric code: 3204 19 00

Synonyms

May-Grünwald's eosin methylene blue solution

Applications

microscopy.

Specifications

Absorption maximum λ_1 645 - 651 nm
Absorption maximum λ_2 520 - 525 nm

Absorbance (0,25 % λ_1 , 1 cm)..... 0,50 - 0,80
Absorbance (0,25 % λ_2 , 1 cm)..... 0,30 - 0,40
suitability for microscopy..... passes test

Physical data

- Density: 0,791 g/cm³
- Solub. in water: (20 °C): miscible
- Boiling point: ~ 65 °C
- Flash point: 12 °C
- Ignition temperature: ~ 455 °C
- Vapour pressure: (20 °C) ~ 125 hPa
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H331: Toxic if inhaled.
H370: Causes damage to organs.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 FT1 II • UN 1992 • FLAMMABLE LIQUID, TOXIC, N.O.S.(Eosin methylene blue, solution according to May-Grünwald)
- IMDG: 3 II • UN 1992 • FLAMMABLE LIQUID, TOXIC, N.O.S.(Eosin methylene blue, solution according to May-Grünwald)
- IATA/ICAO: 3 II • UN 1992 • FLAMMABLE LIQUID, TOXIC, N.O.S.(Eosin methylene blue, solution according to May-Grünwald)
- PAX: 305
- CAO: 307
- 10°C - 30°C