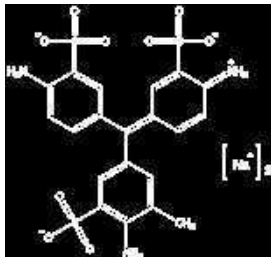


FUCHSIN ACID, C.I. 42685

FU0055 Fuchsin acid, C.I. 42685, for microscopy



- $C_{20}H_{17}N_3Na_2O_9S_3$
- $M = 585,54 \text{ g/mol}$
- CAS [3244-88-0]
- EINECS-No.: 221-816-5
- Solub. in water: (20 °C): 200 g/l
- Melting point: > 130 °C (decomposes)
- Tariff number: 3204 12 00 00
- Applications: indicator, manufacturing of inks (for biology), microscopy.

Absorption maximum λ (in HCl 0,005 mol/l) 540 - 545 nm
Absorptivity (A1%/1 cm; λ max.) 800 - 1300
loss on drying (135 °C) max. 10 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| FU00550010 | 10 g | 0 |
| FU00550025 | 25 g | 0 |
| FU00550050 | 50 g | 0 |
| FU00550100 | 100 g | 0 |

FUCHSIN BASIC, CARBOL SOLUTION, ACCORDING TO ZIEHL

FU0065 Fuchsin basic, carbol solution, according to Ziehl



- Density: 0,98 g/cm³
- Solub. in water: (20 °C): miscible
- Flash pt. 47 °C
- ADR: 8 CF1 II UN 2920
- IMDG: 8 II UN 2920
- IATA/ICAO: 8 II UN 2920
- GHS-signal word: Danger
- GHS-H sentences: H314 - H226 - H341 - EUH208

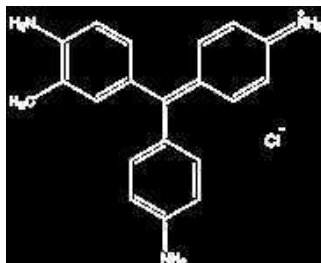
- GHS-P sentences: P210 - P241 - P303 + P361 + P533 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3204 13 00 90
- Applications: microscopy,
- Appearance: Red liquid

suitability for microscopy passes test

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| FU00650500 | 500 ml | 0 |
| FU00652500 | 2,5 l | 0 |

FUCHSIN BASIC, C.I. 42510

FU0060 Fuchsin basic, C.I. 42510, for microscopy



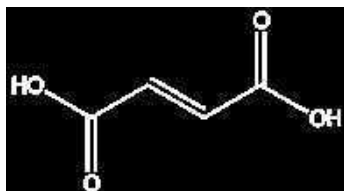
- $C_{20}H_{20}ClN_3$
- $M = 337,85 \text{ g/mol}$
- CAS [632-99-5]
- EINECS-No.: 211-189-6
- Solub. in water: (25 °C): 4 g/l
- Melting point: ~ 235 °C (decomposes)
- GHS-signal word: Danger
- GHS-H sentences: H334 - H351 - H302 - H317 - P405 - P501a
- Tariff number: 3204 13 00 90
- Applications: microscopy.

Absorption maximum λ (in ethanol 50 %) 549 - 553 nm
Absorptivity (A1%/1 cm; λ max.) 1600 - 2250
loss on drying (135°C) max. 15 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| FU00600025 | 25 g | 0 |
| FU00600100 | 100 g | 0 |
| FU00601000 | 1 kg | 0 |
| FU0060005P | 5 kg | 0 |

FUMARIC ACID

AC1155 Fumaric acid, EssentQ®



- Synonyms: trans-Butenedioic acid
- $C_4H_4O_4$
- $M = 116,07 \text{ g/mol}$
- CAS [110-17-8]
- EINECS-No.: 203-743-0
- Solub. in water: (20 °C): 4,9 g/l
- Melting point: 287 °C
- Boiling point: 290 °C
- Flash pt. 273 °C
- Ignition temp.: 375 °C
- Vapour pressure: (20 °C) < 0,001 hPa
- LD 50 (oral, rat): 9300 mg/kg
- EC-Index-No.: 607-146-00-X
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2917 19 90 90
- Applications: antioxidant, manufacturing of synthetic resins, manufacture of dyes, synthesis of organic products.

assay (acidimetric) min. 99 %
identity (IR-spectrum) passes test

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC11551000 | 1 kg | 0 |