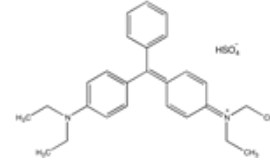


Identification

$C_{27}H_{34}N_2O_4S$
M = 482,64 g/mol
CAS [633-03-4]
EC number: 211-190-1
Taric code: 3204 13 00

**Synonyms**

Diamond green G, Ethyl green, Solid green

Applications

analytical chemistry, for microbiology, manufacture of dyes, indicator.

Specifications

Absorption maximum λ (in ethanol 50 %) 628 - 632 nm

Absorptivity (A1%/1 cm; λ max.)..... 1750 - 2250
loss on drying (135 °C) max. 5 %

Physical data

- Bulk density: ~ 500 - 600 kg/m³
- Solub. in water: (20 °C): ~ 100 g/l
- Melting point: ~ 180 °C
- pH(10 g/l H₂O, 25 °C) ~ 2,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P264: Wash thoroughly after handling.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 5°C - 30°C