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# Product Datasheet

**GE7263 - Methylene Blue trihydrate** (C.I. 52015); Ph. Eur. grade

H302 **Hazard Codes** 

**Precautionary Codes** 

P280, P302+P352, P305+P351+P338, P261,

P301+P312

**Pictograms** 



### **Product Details**

**Product Name** Methylene Blue trihydrate (C.I.

52015); Ph. Eur. gráde

Glentham Code GE7263 **CAS Number** 7220-79-3 **EINECS** 200-515-2 Farbindex 52015

MDL-Nummer MFCD00012111 Zusätzliche CAS 61-73-4 (anhydrous) Zusätzliche CAS 122965-43-9 (·xH2O)

**Related Categories** Biochemicals, Dyes & Stains

### **Glentham Product Specification**

Dark green crystalline powder Physical

Description

Identification To pass test

(UV-VIS)

Maximum Absorption

660 - 665 nm (50% in ethanol) Wavelength of

(\lamax)

: 2250 - 2750 (50% in ethanol) Absorptivity

(1%/1cm)

Loss on Drying : 8.0 - 16.0 % (110°C)

Pharmacopoeia Specification(s)

EΡ

Version : v1.0

#### **Structure**

Molecular Weight : 373.90

Molecular Formula  $: C_{16}H_{18}CIN_3S \cdot 3H_2O$ 

### $H_2O$ $H_2O$ Cl- $CH_3$ ĊH₃ ĊH₃ $H_2O$

## About Methylene Blue trihydrate (C.I. 52015); Ph. Eur. grade

Methylene blue is a synthetic dye first used in the textile industry. It is used as a biological stain, staining nucleic acids and other negatively charged cell components. Methylene blue has also been used in medicine as a treatment for methemoglobinemia and in aquaculture for treating fungal infections in fish.

#### Storage

Recommended storage temperature: +20°C.

### **Hazards and Transport**

Not classified as dangerous for transport. **CLP Classification** Acute Tox. 4 Signal Word Achtung

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