

## Product Datasheet

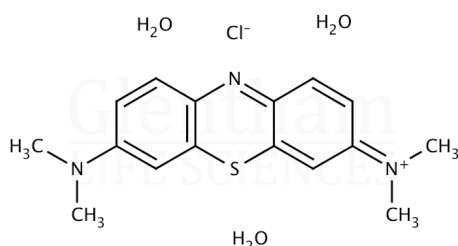
### GE7263 - Methylene Blue trihydrate (C.I. 52015); Ph. Eur. grade

#### Product Details

Product Name	Methylene Blue trihydrate (C.I. 52015); Ph. Eur. grade
Glenthams Code	GE7263
CAS Number	7220-79-3
EINECS	200-515-2
Index des couleurs	52015
Numéro MDL	MFCD00012111
CAS supplémentaire	61-73-4 (anhydrous)
CAS supplémentaire	122965-43-9 ( $\cdot xH_2O$ )
Related Categories	Biochemicals, Dyes & Stains

#### Structure

Molecular Weight	: 373.90
Molecular Formula	: $C_{16}H_{18}ClN_3S \cdot 3H_2O$



Signal Word  
Hazard Codes  
Precautionary Codes

Attention  
H302  
P280, P302+P352,  
P305+P351+P338, P261,  
P301+P312

Pictograms



#### Glenthams Product Specification

Physical Description	: Dark green crystalline powder
Identification (UV-VIS)	: To pass test
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	: 660 - 665 nm (50% in ethanol)
Absorptivity (1%/1cm)	: 2250 - 2750 (50% in ethanol)
Loss on Drying	: 8.0 - 16.0 % (110°C)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

#### 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

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