



Product Specification

cdhfinechemical.com

METHYLENE BLUE POLYCHROME (M.S.)

PRODUCT CODE	305925
SYNONYMS	--
C.I. NO.	--
CASR NO.	(61-73-4)
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

PARAMETER	LIMIT
Description	A dark red/green coloured powder.
Solubility	Soluble in water.
Dye Content (Titanometry; on dried substance)	> 97.0%
Absorption maximum (in water)	663 - 667 nm
Absorption Ratio (A $\lambda_{max} - 15$ nm) / (A $\lambda_{max} + 15$ nm)	1.21 - 1.70
Absorptivity (A1% / 1cm at λ_{max} , in water)	2200 - 2750
Suitability for microscopy	Passes test.

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	15%
Iron (Fe)	0.01%

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : UN No. : IATA : :
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :	 GHS07
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Replace date 3-June-2023