

Product name:

Malachite green oxalate

Synonyms: C.I.42000

CAS number: 2437-29-8

General information:		
	Chemical formula: $C_{52}H_{54}N_4O_{12}$	Molar Mass: 927 g/mol
	Appearance: Green crystalline powder	Bulk density: 400 - 500 kg/m ³
	Solub. in water: 110 g/l	Melting point: 144 - 150 °C
	Boiling point: N/A	pH value: 2.4 (24°C)
	Storage temp.: +2°C to +30°C	Cautions: irritant,dangerous for the environment
	R: N/A	S: N/A
	HS-No.: 3212 90 00	EC index number: 602-096-00-5

Hazard Symbol



Safety Information

Grade

Indicator (For Microscopy)

Specification:				
	Description		Conforms	
	Solubility		Conforms	
	Absorption maxima		616-620	nm
	Absorptivity (A 1%/1cm:at λ max)	$\geq$	1450	
	Ratio λ max.P+/-15 nm		1.0-1.15	
	Loss on drying (at 110°C)	$\leq$	7.0	%

Ordering code	10 g	25 g	50 g	100 g	250 g
P.E.					
Glass		629.09.00025.01			