



Product name:

Neutral red

Synonyms: C.I.50040

CAS number: 553-24-2

General information:		
	Chemical formula: $C_{15}H_{17}ClN_4$	Molar Mass: 288.78 g/mol
	Appearance: Dark green powder	Bulk density: 350 - 500 kg/m ³
	Solub. in water: 50 g/l	Melting point: 290 °C
	Boiling point: 497.3 °C at 760mmHg	pH value: 3.1 (20 °C)
	Storage temp.: +2°C to +30°C	Cautions: Not a hazardous substance
	R: N/A	S: N/A
	HS-No.: 3212 90 00	EC number: 209-035-8

Hazard Symbol

Safety Information

Grade

ACS (For Microscopy)

Specification:				
	Description		Conforms	
	Dye content (by spectrophotometrically)	≥	60.0	%
	Transition range (pH 6.8-8.0)		Conforms	
	Solubility (0.1% in 50% ethanol)		Conforms	
	Absorption maxima (ethanol 50 % +2ml acetic acid)		539-544	nm
	Absorptivity (A 1%/1cm: at λmax: in 50% ethanol + 2ml acetic acid)	≥	900	
	Loss on drying (at 110°C)	≤	12.0	%

Ordering code	10 g	25 g	50 g	100 g	250 g
P.E.					
Glass	631.16.00010.01				