



# Product Specification

## Product Name: SAFRANIN O

Alternate Name(s) C.I. 50240; Basic red 2; Safranin T; Calcozine Red Y; 3,7-diamino-2,8-dimethyl-5-phenylphenazinium chloride.  
Description  
Dark green crystalline powder; odourless.

### Properties

Chemical Formula:  $C_{21}H_{19}N_4Cl$   
Molecular Weight: 350.85

Product Code: SL110  
CAS No. 477-73-6

### General Information:

Soluble in water; insoluble in ether. Incompatible with strong oxidisers.

### Quality Specification

Assay: 95% min. (dye content)

### Specific Properties and Impurities [Typical levels]:

Lambda (in 50% ethanol)	≤ 530 nm
Solubility (1 mg/ml, H <sub>2</sub> O)	Opaque red solution
Loss on drying	≤ 5 %

### Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH5U
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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