



## Product Information Sheet

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**S7400**  
**Safranin O**

Synonyms: Basic Red 2; Cotton Red; Gossypimine; Safranin T; C.I. 50240; 3,7-Diamino-2,8-dimethyl-5-phenylphenazinium chloride; Safranine  
CAS: 477-73-6  
Formula:  $C_{20}H_{19}ClN_4$   
Mol. Weight: 350.84

### Properties

Form: Powder  
Appearance: Red to Dark Brown or Green to Black  
Application: Biological Stain, Histology  
Solubility: Soluble in Water  
Storage Temp: Room Temperature  
Typical Working Concentration: Varies with application, should be determined by end user.

### Application Notes

Stains lignin found in cell walls of plants. Used as a stain for chromosomes in the Flemming triple stain, as well as to stain gram negative bacteria in the Gram stain procedure. Also can be used with fast green FCF to stain for plant cells