## Product Information

**Product Code** : GRM921  
**Product Name** : Calconcarboxylic acid, Practical grade  
**Synonym** : Patton and Reeder's reagent, Practical grade  
**Molecular Formula** : C_{21}H_{14}N_{2}O_{7}S  
**Molecular Weight** : 438.41  
**CAS No.** : 3737-95-9  
**EC No.** : 223-117-0  
**HS Code** : 2927 00 00  
**Shelf Life** : 4 years

### Technical Specification

- **Appearance** : Dark purple to black powder  
- **Solubility** : 10 ppm in ethanol yields clear reddish violet solution  
- **FTIR** : Matches with the standard pattern  
- **Loss on drying (at 105°C, 2hr)** : <= 10.0%  
- **Absorption maxima** : 555 - 565 nm (10ppm in ethanol)

### GHS Safety Information

- **Hazard Statement(s)** : H315-H319-H335  
- **Precautionary Statement(s)** : P261-P305+P351+P338  
- **Signal Word** : Warning  
- **Hazard Pictogram(s)**

### Risk and Safety Information

- **R-Phrase(s)** : 36/37/38  
- **S-Phrase(s)** : 26-36  
- **WGK** : 3  
- **Storage Temperature(°C)** : Store below 30°C  
- **Hazard Symbol(s)**

### Transport Information

- **Marine Pollutant** : No  
- **ADR/RID** : Not Dangerous Goods  
- **IMDG** : Not Dangerous Goods  
- **IATA** : Not Dangerous Goods

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