

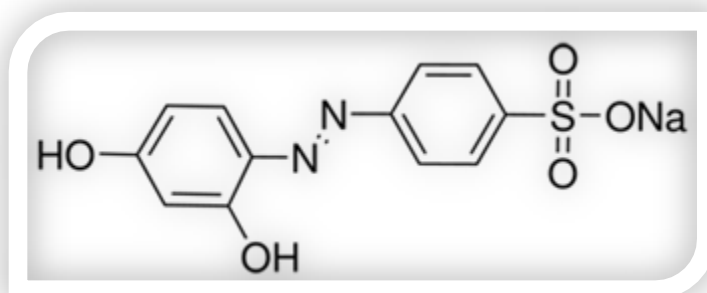
# GSP CHEMICAL INDUSTRIES

## TROPAEOLIN O

C.A.S. NO.	547-57-9
C.I. NO.	14270
M.F.	C <sub>12</sub> H <sub>9</sub> N <sub>2</sub> SO <sub>5</sub> Na

### SPECIFICATIONS:

Solubility 0.1% (Water)	Clear solution
Transition range	pH 11.2 – 12.7 Yellow - Orange
Absorption maximum (0.1N NaOH) $\lambda_{max}$	488-493nm
Absorptivity (A1%/1cm in 0.1N NaOH, at $\lambda_{max}$ )	>550
Loss on drying (110OC)	< 5%
M.W.	316.27gm/mole



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