

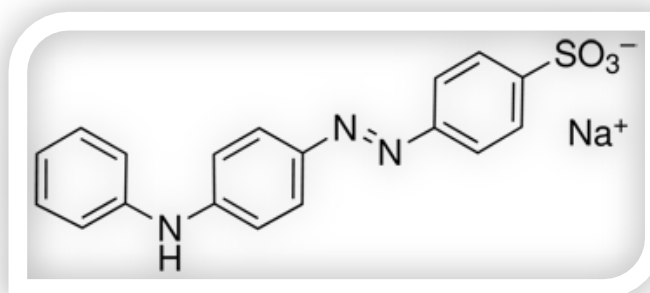
# GSP CHEMICAL INDUSTRIES

## TROPAEOLIN OO

C.A.S. NO.	554-73-4
C.I. No.	13080
M.F.	C <sub>18</sub> H <sub>14</sub> N <sub>3</sub> SO <sub>3</sub> Na
M.W.	375.38gm/mole

### SPECIFICATIONS:

Transition Range	pH 1.2 – 2.7 Red – Yellow
Solubility 0.1% (Water)	Clear solution
Absorption maximum (in water) $\lambda_{max}$	447-451nm
Absorptivity (A1%/1cm in water, at $\lambda_{max}$ )	> 625
Loss on drying (110°C)	< 5%



GSP Chemical Industries warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [gspchem.com](http://gspchem.com). For further inquiries, please contact [gspchem@gmail.com](mailto:gspchem@gmail.com). Purchaser must determine the suitability of the product for its particular use.