
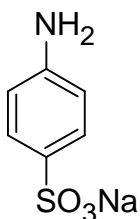
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Prepared By: Brooke DiDomenico Administrative Control: Administrative Controller	Instruction No. <b>Sodium Sulfanilate – Solution</b> <b>SPC-008</b>	Issue No: 3 Issue Date: 4/15/16 Page 1 of 1

## Sodium Sulfanilate – Solution

CAS No. 515-74-2



Sodium Sulfanilate is a salt formation of Sulfanilic Acid (SNA). This form of the chemical is commonly used because of the increased solubility in water. SNA is widely used in the formation of optical brighteners for the paper industry, and also in the concrete, pharmaceutical and food dye industries.

Sodium Sulfanilate Solution is available as a liquid solution in water.

### PHYSICAL PROPERTIES

Molecular Weight.....	195.17
Bulk Density.....	864 kg/m <sup>3</sup>
Solubility in water.....	170 g/l
Appearance.....	Amber Solution

### SPECIFICATIONS

Assay.....	varies by customer
Aniline.....	0.5% by wt. maximum
Alkali Insolubles.....	0.1% by wt. maximum

### SHIPPING DATA *(subject to change)*

Containers and Net Contents	
Bulk Tanker Truck or Rail Car.....	to your requirements

### STORAGE AND HANDLING

Sodium Sulfanilate may be stored in bulk or intermediate containers. However, the product has to be kept hot or re-heated to recommended temperatures below to avoid crystallization.

Temperature, °C	Concentration, %
65	26 - 30
70	31 - 33
75	34 - 35

Storing the solution at temperatures above 75 °C will cause the solution to darken rapidly. At temperatures above 75 °C, the length of time it takes for the solution to darken decreases exponentially. Consideration should be taken in the design of the heating system to minimize hot spots. It is recommended to shut off heating systems during delayed production periods. The colored bodies produced are present at ppm levels and are not expected to affect the efficacy of the product. However, if color is an issue with a particular manufacturing process, all material should be completely consumed within five days of initial receipt if kept above 70 °C.