

## SODIUM BISULFITE SOLUTION-E222(SBS) (NaHSO<sub>3</sub>)

### PRODUCT SPECIFICATIONS

**Appearance :** Light yellow liquid  
**Concentration:**36%-38% as NaHSO<sub>3</sub>  
**SO<sub>2</sub> content :min.** % 22 (m/m)  
**Density (25 °C,g/ml):** 1.30-1.37  
**Iron content:** max. 10 ppm  
**Heavy metals :** max. 5 ppm (excluding Fe,as Pb)

### ANALYTICAL METHOD

Visual  
Titrimetric  
  
Densimeter  
Colorimetric  
Colorimetric

### PACKAGING

Delivered in tankers as bulk form or 1000 liters plastic containers

### APPLICATION FIELDS

Antichlore in bleaching fibers and mordant in textile  
Antiseptic in production of cellulose esters  
Main raw material in production of sodium hydrosulfite,  
Aromatic alcohols and aldehyde  
Antiseptic in fermentation process  
Depilator in leather industries  
Disinfectant in cosmetic and canned industry  
Various applications in paper, rubber, sugar, galvanoplasty and adhesive industries

### STORAGE AND HANDLING

The product can be stored without activity loss in dry and closed areas  
In humid environment, the decomposition of SO<sub>2</sub> occurs and it causes activity loss of product  
Prevent contact with air  
Avoid using product in closed areas  
Store in original containers. Never store in aluminium coated or galvanized containers/vessels  
Polyethylene, polypropylene , SS316 may be used for storage  
SBS is transported in stainless steel tanker  
Never allow product to get in contact with water during storage  
Store away from direct sunlight  
Check all containers are clearly labelled and free from leaks  
Keep containers securely sealed when not in use  
Avoid contact with incompatible materials  
Avoid physical damage to containers

### STORAGE INCOMPATIBILITY

Do not store near acids; contact with acids liberates toxic gas