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Technical Data Sheet

Sodium Hydrosulfite

CAS # 7775-14-6

TECHNICAL DATA

TYPICAL ANALYSIS

Sodium Hydrosulfite, %wt

SPECIFICATIONS

89% Minimum

PHYSICAL PROPERTIES

#/Gallon

1.00

Flash Point

No information found

Appearance & Odor

White granules, slight sulfur dioxide odor

Physical State

Solid

Stability - Conditions to Avoid

Stable-Do not heat. Decomposes at 50C.

Incompatibility

Oxidizers, water and ice, acids and bases.

Hazardous Decomposition

Sulfur Dioxide

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Decomposition to poisonous sulfur dioxide gas will occur at 52C. Protect from sprinkler systems: reacts exothermically with water. Heat release may be enough to ignite combustible materials. Although not considered an explosion hazard, this material is ignited not only in the presence of flame, but also by the presence of humid air.

USES & APPLICATIONS

Vat dyeing of fibers and textiles; stripping agent for dyes; reagent; bleaching of sugar, soap, oils, and groundwood; oxygen scavenger for synthetic rubbers.

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