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Technical Data Sheet

Caustic Soda Bead

CAS #1310-73-2

TECHNICAL DATA

TYPICAL ANALYSIS

Na₂O by Percent Weight

Na₂CO₃ by percent weight

NaOH by percent weight

SPECIFICATIONS

74.4% Minimum

1.6% Maximum

96% Minimum

PHYSICAL PROPERTIES

#/Gallon

1.00

Flash Point

N/A

Appearance & Odor

Odorless white flakes or beads

Physical State

Solid

Stability - Conditions to Avoid

Stable-None.

Incompatibility

Aluminum, zinc, tin, and their alloys. Reacts violently with acids. Releases heat when dissolved in water.

Hazardous Decomposition

Will release flammable hydrogen gas when exposed to the above metals.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Exposure to reactive metals like aluminum and magnesium can cause release of explosive hydrogen gas.

USES & APPLICATIONS

Chemical manufacture, rayon and cellophane, neutralizing agent in petroleum refining, pulp & paper, aluminum, detergents, soap, textile processing, vegetable-oil refining, reclaiming rubber, regenerating ion exchange resins, organic fusions, peeling of fruits and vegetables in food industry, lab reagent, etching and electroplating, food additive.

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