

Hukill Chemical Corporation
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Technical Data Sheet

Caustic Soda Liquid 50%

CAS #1310-73-2

TECHNICAL DATA

TYPICAL ANALYSIS

NaOH, wt %

Na₂O, wt %

Na₂CO₃, wt %

NaCl, wt %

Fe (Iron), PPM

Specific Gravity @ 68 Deg

SPECIFICATIONS

49.5% To 51%

38.36% To 39.55%

0.4% Maximum

1.2% Maximum

6 Maximum

1.5206 To 1.538

PHYSICAL PROPERTIES

#/Gallon

12.76

Flash Point

N/A

Appearance & Odor

Colorless to slightly grey solution. Odorless.

Physical State

Liquid

Stability - Conditions to Avoid

Stable-None.

Incompatibility

May react violently with water, acids, some organic compounds, aluminum, tin, zinc, bronze and brass.

Hazardous Decomposition

Reaction with food sugars may form carbon monoxide.

Reaction with metals may form flammable hydrogen gas.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Reactions with reactive metals like aluminum and magnesium will release 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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