

**Hukill Chemical Corporation**  
7013 Krick Road, Bedford OH, 44146  
PH 440-232-9400 FX 440-232-9477

**Technical Data Sheet**

**Caustic Soda 50% Membrane Cell**

CAS #1310-73-2

**TECHNICAL DATA**

**TYPICAL ANALYSIS**

NaOH, wt %

Na<sub>2</sub>O, wt %

Na<sub>2</sub>CO<sub>3</sub>, wt %

NaCl, wt %

Fe (Iron), PPM

**SPECIFICATIONS**

49 To 51

38.35% To 39.5%

0.5 Maximum

2 Maximum

5 Maximum

**PHYSICAL PROPERTIES**

#/Gallon

12.76

Flash Point

N/A

Appearance & Odor

Colorless to slightly gray 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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