

**Hukill Chemical Corporation**  
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**Technical Data Sheet**

**Caustic Potash Flake 90%**  
CAS # 1310-58-3

**TECHNICAL DATA**

**TYPICAL ANALYSIS**

KOH wt%

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

K<sub>2</sub>O wt%

Fe (Iron), PPM

**SPECIFICATIONS**

90% Minimum

0.8% Maximum

75.5% Minimum

5PPM Maximum

**PHYSICAL PROPERTIES**

#/Gallon

1.00

Flash Point

N/A

Appearance & Odor

Odorless white flakes

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**

Soap manufacture, bleaching, manufacture of potassium carbonate and tetrapotassium pyrophosphate, electrolyte in alkaline storage batteries and some fuel cells, absorbent for carbon dioxide and hydrogensulfide, dyestuffs, liquid fertilizers, food additive, herbicides, electroplating, mercerizing, paint removers, reagent

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