

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

Caustic Potash Liquid 45%

CAS # 1310-58-3

TECHNICAL DATA

TYPICAL ANALYSIS

KOH wt%

K₂CO₃, wt%

K₂O wt%

Fe (Iron), PPM

SPECIFICATIONS

45% Minimum

0.1% Maximum

37.8% Minimum

2PPM Maximum

PHYSICAL PROPERTIES

#/Gallon

12.08

Flash Point

NONE

Appearance & Odor

Clear and odorless

Physical State

Liquid

Stability - Conditions to Avoid

Stable-None.

Incompatibility

Acidic conditions, aluminum, zinc, tin, halogenated organics, organic nitro compounds.

Hazardous Decomposition

Exposure to the above metals will evolve explosive hydrogen gas.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Exposure to tin, aluminum, zinc, and their alloys evolves 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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