

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

**Boric Acid Granular**

CAS #10043-35-3

**TECHNICAL DATA**

**TYPICAL ANALYSIS**

B<sub>2</sub>O<sub>3</sub>, %wt

H<sub>3</sub>BO<sub>3</sub>, %wt

Chlorine, % Weight

Sulfate (SO<sub>4</sub>), PPM

**SPECIFICATIONS**

56.25 To 56.8

99.9 To 100.9

0.0018 Maximum

350 Maximum

**PHYSICAL PROPERTIES**

#/Gallon

1.00

Flash Point

None

Appearance & Odor

clear or white crystals

Physical State

Solid

Stability - Conditions to Avoid

Stable-None.

Incompatibility

Alkali metals and strong reducing agents.

Hazardous Decomposition

Could release flammable hydrogen gas in reactions with alkali metals and reducing agents.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

None. This product is a flame retardant.

**USES & APPLICATIONS**

Heat resistant (borosilicate) glass, glass fibers, porcelain enamels, boron chemicals, metallurgy (welding flux, brazing copper), flame-retardant in cellulose insulation, mattress batting & cotton textile products, fungus control on citrus fruits (FDA tolerance 8ppm boron residue), ointment and eye wash (water solution only), nickel electroplating baths.

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