

WATER CHEMICALS CODEX

Committee on Water Treatment Chemicals
Food & Nutrition Board
Assembly of Life Sciences
National Research Council

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Fluoridation also
adds lead and
arsenic to drinking
water.

NAS/CWTC 015-82

Name: FLUOSILICIC ACID, HYDROFLUOSILICIC ACID

CAS No.: 16961-83-4 Formula Weight: 88.0

Chemical Formula: H_2SiF_6

Description:

Available in 24-30% aqueous solution of fluosilicic acid, water white to straw yellow color with pungent odor.

Use: Uses as a source of fluoride

Purity requirements:

Analysis of available grades of fluosilicic acid show the presence of arsenic and lead

NAS/CWTC 020-82

Name: SODIUM FLUORIDE

CAS No.: 7681-49-4 Formula Weight: 42.0

Chemical Formula: NaF

Description:

White or Nile blue fine powder or crystals and hygroscopic.

Use: Uses as a source of fluoride

Purity requirements:

Analysis of available grades of sodium fluoride show the presence of arsenic and lead