



## MATERIAL SAFETY DATA SHEET ANTI-BORAX FORGE BORAX

DATE REVISED: February 23, 2004



**Product Name:** Anti-Borax Forge Borax

**Manufacturer:** Superior Flux & Mfg. Co. 6615 Parkland Blvd. Cleveland, OH 44139

**Emergency Phone Number:** 1-800-424-9300 (CHEMTREC)

**Other Information Calls:** (440) 349-3000

**To the Purchaser:** This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

**H.M.I.S. INFORMATION: HEALTH = 1      FLAMMABILITY = 0      REACTIVITY = 1**

### SECTION I - IDENTIFICATION

**Common Name:** Anti-Borax Forge Borax

**Chemical Name:** NA

**Chemical Family:** Forge Borax Compound Flux

**CAS Number:** NA

**Formula:** See Below

### SECTION II - COMPOSITION INFORMATION

<u>Components</u>	<u>CAS Number</u>	<u>%</u>	<u>OSHA PEL</u>
Anhydrous Borax	1330-43-4	90-99	1 PPM

Unlisted percentages are non-hazardous stabilizers, activators, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as carcinogens.

### SECTION III - HEALTH HAZARDS

#### EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Flush with Water for 10 Minutes. Call a Physician.

**Skin:** Wash Thoroughly with Water.

**Inhalation:** Remove to Fresh Air or Administer Oxygen. Call Physician.

**Ingestion:** If Patient is Fully Conscious, Give Large Amounts of Water. Obtain Medical Attention Immediately.

**Primary Routes of Entry:** Inhalation, Ingestion, Skin, and Eyes.

**Symptoms of Overexposure:** Salivation, Coughing, Choking, and Chills. May Cause Weight Loss, Brittle Bones, Anemia, Weakness, and Stiff Joints.

**Medical Conditions Generally Aggravated by Overexposure:** Any Weakness of the Lungs, Kidneys, or Liver Will Be Aggravated

**Chemical Listed as a Carcinogen or Potential Carcinogen:** None

**OSHA Permissible Exposure Limit (PEL):** 5 PPM

**ACGIH Threshold Limit Value (TLV):** 5 PPM

*Superior manufactures quality fluxes. Our business is solving problems.*



## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** None

**Flammable Limits:** Lower-NA, Upper-NA

**Extinguishing Media:** Not Needed

**Auto Ignition Temperature:** None

**Special Fire Fighting Procedures:** Normal Conditions When Dealing With Chemicals

**Unusual Fire and Explosion Hazards:** None

## SECTION V - ACCIDENTAL RELEASE MEASURES

**Steps to be Taken in Case Material is Spilled:** Clean Up Powder and Flush Remaining Material With Lots of Water.

## SECTION VI - HANDLING AND STORAGE

**Storage Requirements:** Avoid Contact With Eyes, Skin, and Clothing. Wash Thoroughly After Handling.

**Handling Precautions:** Do Not Store in Glass or Porcelain Containers.

**Other Precautions:** Keep Containers Away From Excessive Heat.

## SECTION VII - CONTROL MEASURES

**Respiratory Protection (TYPE):** NIOSH Approved Respirator.

**Ventilation:** Yes

**Mechanical (General):** Yes

**Local Exhaust:** Yes

**Eye Protection:** Safety Glasses

**Protective Gloves:** Recommended, NIOSH Approved

**Other Protective Clothing or Equipment:** Rubber Apron is recommended

## SECTION VIII - PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point:** NA

**Specific Gravity (Water = 1):** NA

**Vapor Pressure (mm Hg):** NA

**Percent Volatile by Volume:** 1.0%

**Vapor Density (Air = 1):** NA

**Melting Point:** 750°C/1382°F

**Solubility in Water:** Insoluble

**Reactivity in Water:** None

**Appearance and Odor:** Gray Granular Powder

## SECTION IX - STABILITY AND REACTIVITY

**Stability:** Product is Stable

**(Conditions to Avoid):** Excess Heat

**Incompatibility:** None

**Hazardous Decomposition Products:** Boron Trioxide

**Hazardous Polymerization:** Will Not Occur

## SECTION X - TRANSPORTATION AND DISPOSAL CONSIDERATIONS

**D.O.T. Proper Shipping Name:** Non-Hazardous

**Hazard Class:** NA.

**Identification Number:** NA.

**Packing Group:** NA.

**Type D.O.T Label Required Information:** NA.

**Waste Disposal Method:** Dispose of in Accordance with State and Local EPA Regulations

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MSDS: Anti-Borax Forge Borax p. 2/2

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