

## Material Safety Data Sheet

Date Prepared: 4-2-2004

### Section 1 – Product Identification

**Product Name:** My-T-Flux  
**Synonyms:** Soldering flux

### Section 2 – Hazardous Ingredients

Component	%	CAS	TLV	PEL
Ammonium Chloride	<5	12125-02-09	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Boric Acid	<20	10043-35-3	N.E.	N.E.
Sodium Tetraborate	<10	12179-04-3	1 mg/m <sup>3</sup>	N.E.

### Section 3 – Physical Properties

**Vapor pressure (mm Hg):** n/a  
**Vapor Density (air = 1):** n/a  
**Evaporation Rate (butyl acetate = 1):** n/a  
**% Volatiles:** n/a  
**Appearance:** yellow liquid  
**Odor:** none

**Specific Gravity:** 1.12  
**Boiling Point:** 212°F  
**Melting/Freezing point:** n/a  
**Solubility in Water:** complete  
**pH:** 7.1

### Section 4 – Fire and Explosion Data

**Flash Point (F):** Does not burn  
**Autoignition Temperature (F):** n/a  
**Flammability Limits in Air (%):** Upper (UEL): n/a  
Lower (LEL): n/a  
**Extinguishing media:** Product does not burn. Select for surrounding fire.

**Special Firefighting Procedures:** Toxic fumes of Na<sub>2</sub>O, boron, and NO<sub>x</sub> may be present. Firefighters should wear full turnout gear and SCBA.  
**Unusual Fire or Explosion Hazards:** none

### Section 5 – Reactivity Data

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** Contact with incompatibles  
**Incompatible Materials:** Strong acids, oxidizers, reducing agents  
**Hazardous Byproducts of Decomposition:** Toxic fumes of Na<sub>2</sub>O, boron, NO<sub>x</sub>

