Prepared 8/31/84 Pollution Control Systems Inc. Michael P. Beltz
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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

CAANTIBO/

SECTION I

MANUFACTURER'S NAME: Anti-Borax Compound Company, Inc.	EMERGENCY TELEPHONE NO.: (219)422-5809
ADDRESS (Number, Street, City, State, and Zip Code): 1506 Wall Street, Fort Wayne, IN 46804	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: Anti-Borax #8 Aluminum "ABC" Flux
CHEMICAL FAMILY	FORMULA

RECEIVED OCCUPATIONAL SAFETY 1986

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	0		BASE METAL	0	
CATALYST	0		ALLOYS	0	
VEHICLE	0		METALLIC COATINGS	0	
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX	0	
ADDITIVES	0		OTHERS		
OTHERS					

CAS. NO.	HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
7647-14-5 7447-40-7	Sodium, Potassium Chloride	90-98	
7789-24-4	Lithium Fluoride	5-10	

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H_2O=1)	0.85
VAPOR PRESSURE (mm Hg.)	0	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	0
SOLUBILITY IN WATER hot (gm/100 ml)	11.1		
APPEARANCE AND ODOR white powder			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) nonflammable	FLAMMABLE LIMITS	Lel.	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS Toxic hydrogen fluoride gas formed if heated to decomposition			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	None identified
EFFECTS OF OVEREXPOSURE	Moderate irritation to eyes, nose and skin
EMERGENCY AND FIRST AID PROCEDURES	Flush affected body part with clear water

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*	BrF_3, $(H_2SO_4 + KMnO_4)$, Acids
HAZARDOUS DECOMPOSITION PRODUCTS	Hydrogen Chloride and Hydrogen Fluoride

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Sweep up or vacuum

WASTE DISPOSAL METHOD: No special disposal for quantities less than 50 pounds

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)* Air supplied respirators if welding or brazing in confined area

VENTILATION	LOCAL EXHAUST Recommended with reference to ACGIH	SPECIAL
	MECHANICAL *(General)* Industrial ventilation recommended	OTHER

PROTECTIVE GLOVES	Welders gloves	EYE PROTECTION	Welders goggles shade 4 or darker

OTHER PROTECTIVE EQUIPMENT: Welders mask, apron, leggings

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool, dry place when not in use

OTHER PRECAUTIONS
See: Safety in Welding and Cutting AWS Welding Handbook and
Safe Practices in Welding and Cutting