

Material Safety Data Sheet

to comply with 29 CFR 1910.1200,
OSHA's Hazard Communication Standard

AQUI FLUX
SOL-932.03, SOL-932.10, SOL-932.15

Section I:

Revised 1/1/2009

Company: EURO TOOL, Inc.

ChemTel Emergency #:
US/Canada toll free: **1-800-255-3924**
All other locales: + **1 813-248-0585**
Collect calls are accepted.

Section II: Hazardous Ingredients/Identity information

Hazardous Component	CAS #	OSHA TWA	ACGIH TWA	Other limits
Boric acid	10043-35-3	10mg/M3	10mg/M3	NE
Borax	1303-96-4	NE	NE	NE
Ammonium Phosphate	7783-28-0	NE	NE	NE

Only those ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200.

An ingredient marked with an asterisk(*) is also listed in 29CFR 1910.1200(D) #4 as a known or suspected cancer hazard.

+ denotes a chemical regulated as toxic by the Environmental Protection Agency (EPA) as outlined in 40CFR Part 372 (section 313)

Section III: Physical/Chemical Characteristics

Boiling Point: 212 F
Vapor Pressure (mm Hg): NE
Vapor Density: NE
Solubility in water: 100 %
Appearance and odor: yellow liquid - odorless

Specific Gravity: 1.0
Melting Point: NE
Evaporation Rate (butyl acetate=1): < 1

Section IV: Fire and Explosion Hazard Data

Flash Point: NE Flammable limits lel: NE uel:
NE

Extinguishing media: all

Special fire fighting procedures: use self sustaining respiratory suit

Unusual Fire and Explosion Hazards: May release boric acid, ammonia, borates fumes.

Section V: Reactivity Data

Stability : STABLE Conditions to avoid : none

Incompatibility (materials to avoid): Strong acids & bases

Hazardous Decomposition or Byproducts (incomplete combustion): ammonia, boric acid.

Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: none

Section VI: Health Hazard Data

Routes of entry: Inhalation? yes Skin? yes Ingestion? yes

Health Hazards (acute and chronic): Contact with material and fumes may cause skin, eye and respiratory tract irritation. Gross inhalation may cause asthma. Ingestion may cause digestive tract irritation. Material is toxic by ingestion. Gross inhalation or ingestion may result in death. Repeated skin contact may result in absorption of harmful amounts.

Chronic ingestion and inhalation exposures may result in kidney and respiratory tract effects.

May be mutagenic in lab animals.

Studies show that potential health risks vary by individual. Minimize exposure as a precaution.

Carcinogenicity: not determined NTP? no IARC Monographs? no

Signs and symptoms of exposure: Inhalation-Nose & throat irritation, headache, dizziness, difficulty breathing, coughing. Ingestion-nausea, vomiting, cramps. Skin-redness, burning, rash, dryness. Eye-redness, burning, tearing, blurred vision.

Medical Conditions Aggravated by exposure: skin, bone and respiratory conditions

Emergency first aid procedures:

Skin: Flush with water immediately, wash thoroughly-Seek medical attention if required

Eyes: Flush with water for 15 minutes - Seek medical attention

Ingestion: Drink large amounts of water, DO NOT induce vomiting-see medical attention.

Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Support respiration if required.
Seek medical attention if required.

Section VII: Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled: Flush into a chemical sewer or soak up with a suitable absorbent.

Waste Disposal Method: dispose of in accordance with all local state and federal regulations

Other Precautions: Avoid skin & eye contact, inhalation & ingestion of fumes and material.

Wash contaminated clothing before reuse. Keep away from children. Do not reuse container.

Section VIII: Control Measures

Respiratory Protection (type): Organic Acid type respirator required for fumes.

Ventilation	Local Exhaust preferred	Special: NE
	Mechanical: OK	Other: NE

Protective Gloves: plastic or rubber Eye Protection: Goggles or face shield

Other Protective Clothing or Equipment: as required to avoid contact.

Work/Hygienic Practices: Wash after use. Follow good industrial hygienic practices.

Section IX: Additional Information

DOT Classification: Non-Hazardous

NFPA Classification (NFPA 325M, 8th edition) (Health, Flammability, Reactivity): 1-0-0

Other: NE

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NE = not established NA = not applicable

Form 303.323 Rev.B