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## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** ANTI-OXIDIZING FLUX

**Product Number:** 8304500, 8304505, 8304510, 8304515

**Product Use:** ANTI FIRE SCALE FLUX USED IN SOLDERING PRECIOUS METALS

**Supplier Information**

Paul H. Gesswein & Co., Inc.

201 Hancock Ave., Bridgeport, CT 06605

Phone: 203-366-5400, FAX: 203-366-3953

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**Emergency phone number:** CHEMTELL - 800-255-3924

**Revision Date:**

**JUNE 25, 2015**

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## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

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CUPRONIL CONTAINS THE FOLOWIING CHEMICALS IN WATER AND IS PACKAGED IN 4 OZ, 16 OZ AND GALLON PLASTIC CONTAINERS.

Hazardous ingredients	%	CSA Number
BORIC ACID	15	10043-35-3
BORAX	10	12179-04-3
DISODIUM PHOSPHATE	10	7558-79-4

## SECTION 3 HAZARDS IDENTIFICATION"

BIOLOGICAL TESTING SHOW CUPRONIL IS NOT AN EYE IRRITANT, IS NOT A PRIMARY SKIN IRRITANT (P11=0.21) AND HAS AN ORAL TOXICITY LD-50=GREATER THAN

25 ML/Kg.

## SECTION 4 FIRST AID MEASURES

### Skin Contact

WASH AREA WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING, SEEK MEDICAL ATTENTION IMMEDIATELY. PRODUCT IS NOT ABSORBED BY SKIN.

### Eye Contact

FLUSH EYES FOR 15 MINUTES WITH LARGE QUANTITIES OF WATER, SEEK MEDICAL ATTENTION IMMEDIATELY

### Inhalation

USE OF PRODUCT DURING SOLDERING MAY BE INHALED. IF USER SHOWS SIGNS THEY ARE AFFECTED BY FUMES REMOVE VICTIM TO FRESH AIR, RESTORE BREATHING, IF NECESSARY, SEEK MEDICAL ATTENTION IMMEDIATELY

### Ingestion

SEEK MEDICAL ATTENTION IMMEDIATELY, GIVE SEVERAL GLASSES OF WATER TO DRINK.

## SECTION 5 FIRE FIGHTING MEASURES

Flammable:	NO
Flash Point	DOES NOT BURN
Auto ignition Temperature	DOES NOT BURN
Explosion Data Sensitivity to impact	NONE EXPLOSIVE
Hazardous Combustion Products	TOXIC FUMES OF Na <sub>2</sub> O, BORON AND NO <sub>2</sub> MAY BE PRESENT IF PRODUCT IS IN A MAJOR FIRE
	FIREFIGHTERS SHOULD WEAR FULL TURNOUT AND SCBA

## SECTION 6 ACCIDENTAL RELEASE MEASURES

WEAR RUBBER GLOVES AND EYE PROTECTION. SWAB THE PRODUCT UP WITH PAPER TOWELS AND DISPOSE OF THE TOWELS.

## SECTION 7 HANDLING AND STORAGE

Handling Procedure and Equipment      PRODUCT IS SUPPLIED IN PLASTIC CONTAINERS

Storage Requirements                      STORE CONTAINERS VERTICAL IN COOL DRY PLACE.

## SECTION 8 PERSONAL PROTECTION/ EXPOSURE CONTROL

Exposure Limit                              DO NOT INGEST.

Specific Engineering Controls            PROVIDE ADEQUATE VENTILATION.

Personal Protective Equipment         WEAR EYE PROTECTION

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State                              LIQUID SUPPLIED IN 4, 16 OUNCE AND GALLON                              CONTAINERS

Odor and Appearance                      LIGHT BLUE LIQUID WITH NO ODOR

Specific Gravity                              1.12

Vapor Density	N/A
Vapor Pressure	N/A
Evaporation Rate	N/A
Boiling Point	100 degree C
Freezing Point	-10 degree C
pH	7.1
Solubility in Water	TOTAL

## SECTION 10 STABILITY AND REACTIVITY

Chemical Stable	YES
Incompatibility with Other Substances	STRONG ACIDS, OXIDIZERS, REDUCING AGENTS
Hazardous Decomposition Products	TOXIC FUMES OF Na <sub>2</sub> O, BORON, NO

## SECTION 11 TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	NO LASTING AFFECTS
Effects of Chronic Exposure	NO LASTING AFFECTS
Skin Sensitization	POSSIBLE IRRITATION OF SKIN WITH PROLONGED EXPOSURE

<b>Respiratory Sensitization</b>	<b>NONE</b>
<b>Carcinogenicity</b>	<b>NONE</b>
<b>Reproductive Toxicity</b>	<b>NONE</b>
<b>Teraogenicity</b>	<b>NONE</b>
<b>Embryocyt</b>	<b>NONE</b>
<b>Mutagenicity</b>	<b>NONE</b>
<b>Name of Synergistic Products/Effects</b>	<b>NONE</b>

## SECTION 12 ECOLOGICAL INFORMATION

(Aquatic Toxicity)

NOT A MARINE POLLUTANT

## SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal

MAY BE DISPOSRED OF IN LANDFIELD SITES IN THE QUANTITIES PROVIDED

## SECTION 14 TRANSPORT INFORMATION

**Special Shipping Instructions**

**PRODUCT IS SHIPPED IN CARDBOARD BOXES.**

**56-4 OZ BOTTLES ONE BOX, 30-16 OZ BOTTLES IN ONE BOX, 4-1 GALLONS IN ONE BOX, 55 GALLON DRUM.**

**NOT A JHAZARDOUS PRODUCT**

**SPECIAL 15 REGULATION INFORMATION**

**UNKNOWN**

**SECTION 16 OTHER INFORMATION**

**PREPARED JUNE 25, 2015 REV A**

**MSDS BXOPT VERSION NO. 005 06/08/12 UNIVAR BORIC ACID**

**MSDS BXNE VERSION NO. 005 05/22/12 UNIVAR BORAX**

**MSDS AS010007 VERSION NO. 014 06.30/11 UNIVAR DISODIUM PHOSPHATE**

