



Materials Safety Data Sheet  
COPPER PLATING SOLUTION

I PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): JAX COPPER PLATING SOLUTION  
CHEMICAL NAMES, COMMON NAMES: NONE  
SYNONYMS: NONE  
MANUFACTURER'S NAME: JAX Chemical Company, Inc.  
ADDRESS: 78-11 267<sup>th</sup> Street, Floral Park, New York 11004  
BUSINESS PHONE: 718-347-0057

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR	
			TLV ACGIH	PEL OSHA
Sulfuric Acid	7664-93-9	2.5-3.5	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Copper Sulfate	7758-98-7	10-14	1 mg(Cu)/m <sup>3</sup>	1 mg(Cu)/m <sup>3</sup>

THE REMAINING 82.5 TO 87.5 INGREDIENTS ARE NON-HAZARDOUS

III PHYSICAL PROPERTIES

VAPOR DENSITY: NO DATA  
SPECIFIC GRAVITY: 1.17  
SOLUBILITY IN WATER: SOLUBLE  
VAPOR PRESSURE, mm Hg @ 20 C: NO DATA  
APPEARANCE & COLOR: BLUE LIQUID pH: 1.4  
EVAPORATION RATE (WATER = 1): SIMILAR TO WATER  
MELTING POINT or RANGE: LESS THAN 32° F  
BOILING POINT: GREATER THAN 212° F

HOW TO DETECT THIS SUBSTANCE (warning properties): At room temperature this product is a blue odorless liquid. No unusual warning properties.

IV FIRE and EXPLOSION

THIS PRODUCT IS NON-FLAMMABLE AND NON-COMBUSTIBLE

FLASH POINT, F (method): N/A  
AUTOIGNITION TEMPERATURE, F: N/A  
FLAMMABLE LIMITS in air by volume, %: lower N/A upper N/A  
FIRE EXTINGUISHING MATERIALS:  
water spray: OK carbon dioxide: OK foam: OK  
dry chemical: OK halon: OK other:

SPECIAL FIRE FIGHTING PROCEDURES: If involved in fire, use water spray. Fire Fighters must use Self Contained Breathing Apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Product may decompose at high temperatures to form toxic gases.

V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVER EXPOSURE by route of exposure:

INHALATION: Upper respiratory irritation. Metallic taste. Headache.  
CONTACT WITH SKIN or EYES: Irritation and/or reddening and to skin and eyes.  
SKIN ABSORPTION: This product does not skin absorb to any appreciable degree.

