



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 267th 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 ³	1 mg/m ³
Copper Sulfate	7758-98-7	10-14	1 mg(Cu)/m ³	1 mg(Cu)/m ³

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.

