



Materials Safety Data Sheet  
SILVER PLATING SOLUTION

I PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): **JAX SILVER 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
Ammonia	7664-41-7	1.0-3.0	25 ppm	50 ppm
Silver Chloride	7783-90-6	1.0-3.0	0.01 mg(Ag)/m <sup>3</sup>	0.01 mg(Ag)/m <sup>3</sup>
Sodium Thiosulfate	7772-98-7	10-12	none	none

THE REMAINING 82 to 88 % INGREDIENTS ARE NON-HAZARDOUS

III PHYSICAL PROPERTIES

VAPOR DENSITY: NO DATA

EVAPORATION RATE (WATER = 1): SIMILAR TO WATER

SPECIFIC GRAVITY: 1.4

MELTING POINT or RANGE: LESS THAN 32° F

SOLUBILITY IN WATER: SOLUBLE

BOILING POINT: GREATER THAN 212° F

VAPOR PRESSURE, mm Hg @ 20 C: NO DATA

APPEARANCE & COLOR: CLEAR EMULSION

pH: 10.7

HOW TO DETECT THIS SUBSTANCE (warning properties): At room temperature this product is a clear liquid with an ammonia like odor. 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: NONE

V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVER EXPOSURE by route of exposure:

INHALATION: Upper respiratory irritation.

CONTACT WITH SKIN or EYES: Irritation and/or reddening and to skin and eyes. Change in skin pigmentation.

