



Materials Safety Data Sheet
INSTANT BRASS & COPPER CLEANER

I PRODUCT IDENTIFICATION

TRADE NAME (AS LABELFD): JAX INSTANT BRASS AND COPPER CLEANER

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

Table with 5 columns: CHEMICAL NAME, CAS #, % w/w, EXPOSURE LIMITS IN AIR (TLV ACGIH, PEL OSHA). Rows include Sodium Dichromate and Sulfuric Acid.

THE REMAINING 86 TO 92 % INGREDIENTS ARE NON-HAZARDOUS

III PHYSICAL PROPERTIES

VAPOR DENSITY: NO DATA; EVAPORATION RATE (WATER = 1): SIMILAR TO WATER; SPECIFIC GRAVITY: 1.08; 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: RED LIQUID; pH: 1.4

HOW TO DETECT THIS SUBSTANCE (warning properties): At room temperature this product is a red liquid with no 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: Chromic acid is an oxidizer. Contact with combustible materials may cause a fire. 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.

CONTACT WITH SKIN or EYES: Irritation and/or reddening or burns to skin or eyes.

SKIN ABSORPTION: This product does not skin absorb to any appreciable degree.

INGESTION: Irritation to the GI tract, nausea, vomiting.

INJECTION: Local irritation at the site of injection, possible systemic injury depending on dose.

HEALTH EFFECTS OR RISKS FROM EXPOSURE An explanation in lay terms.

ACUTE: This product cause may reddening, irritation, or burns to the eyes or skin. Irritation to the nose or throat may occur if you breath the product vapors.

CHRONIC: Long term exposure to this product to may cause severe and/or persistent irritation to the eyes and skin. Irritation to the nose or throat. Chromium compounds have been found to cause lung, nasal cavity, paranasal sinus, stomach, and larynx cancers in animal and humans.

FIRST AID EMERGENCY PROCEDURES:

If spilled on skin or eyes, immediately begin decontamination with running water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Victim & rescuers must seek immediate medical attention. If chemical is in eyes, open victim's eyes while under gentle running water. Use sufficient force to open eye lids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. If chemical is inhaled, remove victim to fresh air and use artificial respiration to support vital functions. Remove or cover gross contamination to avoid exposure to rescuer's. If chemical is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, dilute by drinking several glasses of water. Never give diluents (milk or water) to or induce vomiting in someone who is unconscious, having convulsions, or can not swallow.

Victim of chemical exposure and all rescuers must be taken for medical attention. Take copy of label and MSDS to physician or health professional with victim.

SUSPECTED CANCER AGENT?

This product's ingredient's are / are not found on the following lists:

<u>FEDERAL OSHA Z LIST</u>	<u>NTP</u>	<u>IARC</u>
YES	YES	YES

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Any preexisting skin irritation or dermatitis can be aggravated by exposure to this product. Upper respiratory disfunction may also be aggravated by inhalation of the vapors of this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms of exposure.

