



36-41 36TH STREET, P.O. BOX 6446, LONG ISLAND CITY, NY 11106

(718)392-6272 1-800-233-4468 FAX: (718)392-2899

## MATERIAL DATA SAFETY DATA SHEET

### SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME **STEN-X**

PRODUCT USE: PVA/PV-ALCOHOL STENCIL REMOVER  
OXIDIZING SOLUTION

CHEMICAL FORMULA:  $\text{NaIO}_4$

EMERGENCY PHONE NUMBER: Spill, Leak, Exposure or Accident, call CHEMTREC – Day or Night: 800-424-9300 or 202-483-7616

INFORMATION NUMBER: 718-392-6272

DATE PREPARED: 3/3/99

### SECTION II INGREDIENTS

COMPONENTS	CAS#	%Wt	OSHA-PEL	NIOSH-REL
SODIUM METAPERIODATE	7790-28-5	1-10	NONE KNOWN	NONE KNOWN

Other ingredients withheld as trade secret information permitted by 29 CFR 1910.1200 and New Jersey Trade Secret Reg. TSRN 7333002250.001940916 All necessary information concerning the properties of the product are enclosed below.

### SECTION III PHYSICAL PROPERTIES

BOILING POINT: 115 C

SOLUBILITY IN WATER: SOLUBLE

FREEZING POINT: -10 C

PHYSICAL STATE: LIQUID

MELTING POINT: NOT APPLICABLE

APPEARANCE: CLEAR LIQUID

VAPOR PRESSURE AT 20 C:

1.0 mm Hg

TOTAL V.O.C. CONTENT AT 20 C

0

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NOT FLAMMABLE UEL: UNKNOWN LEL: UNKNOWN

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

EXTINGUISHING MEDIA: NOT FLAMMABLE

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR NORMAL PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT IS NOT FLAMMABLE; HOWEVER, DUE TO ITS OXIDIZING CAPABILITY, THIS PRODUCT COULD IGNITE COMBUSTIBLE MATERIALS.

FLAME PROPAGATION OR BURNING RATE: NOT APPLICABLE

### SECTION V REACTIVITY DATA

STABLE: YES CONDITIONS TO AVOID: HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): MIXTURES WITH FINELY DIVIDED METALS CAN REACT

EXPLOSIVELY. MIXTURES WITH COMBUSTIBLE MATERIALS ARE READILY IGNITED (WOOD, PAPER, OIL, ETC.)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OXIDES OF SODIUM, TOXIC FUMES OF IODINE AND IODINE COMPOUNDS.

HAZARDOUS POLYMERIZATION MAY OCCUR? NO

### SECTION VI HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: INHALATION, INGESTION, SKIN AND EYE CONTACT.

ACUTE SIGNS AND SYMPTOMS OF OVEREXPOSURE: MAY CAUSE EYE, SKIN AND MUCOUS MEMBRANE IRRITATION.

**HMIS INFORMATION:**

Health: 1      Flammability: 0      Reactivity: 0      Protective Equipment: C  
CHRONIC SIGNS AND SYMPTOMS OF OVEREXPOSURE: NONE KNOWN  
CARCINOGENICITY? NO      LISTED IN : IARC      NOT LISTED  
   OSHA      NOT LISTED  
   NTP      NOT LISTED  
   OTHER      NONE KNOWN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ANY PREVIOUSLY EXISTING PULMONARY, OCULAR, OR DERMATITIS CONDITIONS.

**FIRST-AID PROCEDURES:**

EYE: FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.  
SKIN: WASH AREA WITH SOAP AND WATER. SEEK MEDICAL ATTENTION.  
INHALATION: REMOVE VICTIM TO FRESH AIR. RESTORE BREATHING, IF REQUIRED. SEEK MEDICAL ATTENTION IMMEDIATELY.  
INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING & USE**

ACTIONS TO TAKE FOR SPILLS: WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING. IF SPILL IS INDOOR, VENTILATE AREA OF SPILL. PLACE ABSORBENT SWEEPING COMPOUND ON SPILL. SCOOP UP WITH SHOVEL AND PLACE IN SUITABLE CONTAINER.  
WASTE DISPOSAL: DISPOSE OF VIA A LICENSED DISPOSAL FIRM IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.  
PRECAUTIONS TO BE TAKEN HANDLING AND STORAGE: MINIMIZE BREATHING OF VAPORS AND PROLONGED OR REPEATED CONTACT WITH SKIN. REMOVE ALL SOURCES OF IGNITION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.  
STORE AWAY FROM INCOMPATIBLES. STORE IN A COOL, DRY, WELL VENTILATED AREA.  
OTHER PRECAUTIONS: AVOID RUN-OFF INTO STORM SEWERS AND DITCHES, WHICH MAY LEAD TO NATURAL WATERWAYS.

**SECTION VIII EMPLOYEE PROTECTION MEASURES**

VENTILATION: LOCAL VENTILATION IS PREFERRED TO MEET TLV REQUIREMENTS.  
GENERAL VENTILATION IS ACCEPTABLE IF EXPOSURE IS MAINTAINED BELOW THE TLV.  
RESPIRATORY PROTECTION: NOT REQUIRED  
EYE PROTECTION: SAFETY GLASSES OR SAFETY GOGGLES  
PROTECTIVE GLOVES: CHEMICALLY RESISTANT GLOVES  
OTHER PROTECTIVE EQUIPMENT: CLOTHING SUITABLE TO PREVENT SKIN CONTACT.  
WORK/HYGIENE PRACTICES: WASH THOROUGHLY AFTER HANDLING PRODUCT. DO NOT EAT, DRINK, OR SMOKE IN AREAS OF PRODUCT HANDLING.

**SECTION IX DOT INFORMATION**

UN NUMBER:              N/A  
HAZARD CLASS:          NOT REGULATED  
PROPER SHIPPING:      NOT REGULATED  
PACKING GROUP:        NOT REGULATED

**SECTION X PREPARATION INFORMATION**

PREPARED BY: ALBATROSS USA INC.  
THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, ALBATROSS MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES.