

# MATERIAL SAFETY DATA SHEET

## # 1 NETWORK

### NEW CENTURY POS DELETION PEN

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Synergy Graphics Phone Number: 1-800-521-4042 Emergency Phone: 1-800-424-9300  
Product Name: **POS DELETION PEN** Product Number: **612750**  
Prepared By: MSDS Author 3 Date Prepared: 11/19/2002

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
ISOPROPYL ALCOHOL	67-63-0	980mg/m <sup>3</sup> TWA STEL = 1,230 mg/m <sup>3</sup>	980mg/m <sup>3</sup> TWA 1,230 mg/m <sup>3</sup> TLV	30-40
POTASSIUM IODINE	7681-110	N.E.	N.E.	15-20
IODINE	7553-56-2	CL 1mg/m <sup>3</sup>	1 mg/m <sup>3</sup> Ceiling	< 2

#### 3. HAZARDOUS IDENTIFICATION

##### POTENTIAL HEALTH EFFECTS

Eye Contact: Corrosive to eyes. Prolonged contact may cause blindness.

Inhalation: Inhalation could cause respiratory irritation with extreme overexposure leading to CNS depression.

Ingestion: Toxic. May cause CNS depression. Fatal dose is estimated at 100ml.

Skin Contact: May cause irritation.

Signs And Symptoms Of Exposure: May include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting, stomach pains, and diarrhea. May cause dizziness, faintness, drowsiness, decreased awareness, weakness. Iodide salts act principally as expectorants/diuretics when ingested or inhaled and maybe corrosive to the skin and eyes.

#### 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, give victim 2-4 glasses of water or milk. Induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Skin Contact: Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

Aggravated Medical Conditions: Individuals who are under the care of a physician or have chronic ailments, should consult a physician before using product. Some asthmatics may experience wheezing or chest tightness.

Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.

#### 5. FIRE FIGHTING MEASURES

##### FLAMMABLE PROPERTIES

Flash Point: 60° F

Flash Point Method: Closed Cup

Autoignition: N.E.

LEL: N.E.

UEL: N.E.

Extinguishing Media: Use agent appropriate for surrounding fire.

Special Fire -Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent

contact with skin and eyes.

Unusual Fire And Explosion Hazards: Fire or excessive heat may liberate fumes of iodine, hydrogen iodine, and oxides of potassium.

Combustion Products: None

## 6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released: Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Stop the spillage. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority.

## 7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Avoid breathing fumes and other bodily contact. Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse containers. Triple rinse before disposal.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use of respiratory protection is generally not required. However, if use conditions generate vapors or fumes, use a NIOSH approved respirator.

Ventilation: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits.

Protective Gloves: Rubber, or neoprene waterproof gloves are recommended.

Eye Protection: Safety glasses with side shields (or goggles).

Other Protective Clothing or Equipment: Rubber or plastic apron.

Work/Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Guidelines: See Section 2.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Dark brown liquid with alcohol odor.

Boiling Point: >175° F

Vapor Pressure: N.E.

Melting Point: Not applicable

Freezing Point: N.E.

Vapor Density: Not applicable

Percent Volatile: 72

Molecular Weight: Not applicable

Pounds per Gallon: 9.35

V.O.C. is 380.55 g/L or 33.9% or 3.17 lb./gal.

Solubility In Water: Complete

Specific Gravity: 1.13

Evaporation Rate: N.E.

Ph: 4.50

Other Properties:

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: None

Incompatibility: Strong oxidizing agents, halogens, strong inorganic acids.

Hazardous Decomposition Or By Products: Fire or excessive heat may liberate fumes of iodine, hydrogen iodine,

and oxides of potassium. Carbon dioxide and carbon monoxide.  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid: None

## **11. TOXICOLOGICAL INFORMATION**

## **12. ECOLOGICAL INFORMATION**

## **13. DISPOSAL CONSIDERATIONS**

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

## **14. TRANSPORT INFORMATION**

DOT Class: Flammable liquid, n.o.s. (Contains Isopropanol Solution)  
Hazard Class: 3  
UN No.: 1993  
Packing Group: II  
Guide No: 128  
Ship Name: Flammable liquid, n.o.s. (Contains Isopropanol Solution)

Limited Quantity Exception may apply to this product, for “inner packagings not over 1.0L (0.3 gal) for liquids and 1.0 kg (2.2 lb) for solids”. 173.154 (b) (1). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D  
Hazard Class: NOT APPLICABLE  
UN No.: NOT APPLICABLE  
Packing Group: NOT APPLICABLE  
Guide No: NOT APPLICABLE  
Ship Name: NOT APPLICABLE  
ORM-D QUANTITIES OF HAZARDOUS MATERIALS ARE EXEMPT FROM LABELING AND SHIPPING DOT REQUIREMENTS

## **15. REGULATORY INFORMATION**

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.  
SARA TITLE III: NONE  
CALIF. PROP. 65: NONE  
CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

## **16. OTHER INFORMATION (HMIS)**

Health: 2  
Flammability: 3  
Reactivity: 0  
Protective: C

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.

