

MSDS - Material Safety Data Sheet**Product Name: Voter Integrity System****MSDS No.:** VISINVPR**I. Basic Information:****Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 02/02/2011**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
4	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
67641	Acetone	46%						1000 ppm	750 ppm	-4 F	
64175	Ethanol	46%						1,000 ppm	1,000 ppm	57 F	
273440605	Fluorescent Brightener	7%									

III. Hazardous Identification:**Hazard Category:** Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

CONTENTS EXTREMELY FLAMMABLE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

POTENTIAL HEALTH EFFECTS

SKIN: When used as directed, no harmful effects are anticipated. Frequent or prolonged contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EYES: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

INGESTION: Should ingestion occur, it may cause irritation of the membranes of the mouth, throat and gastrointestinal tract, resulting in vomiting and/or cramps.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, or confusion.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate existing dermatitis. Other conditions unknown.

CARCINOGEN DATA: None of the ingredients in this product are listed with OSHA, IARC, or NTP as being carcinogenic.

IV. First Aid Measures:**Route(s) of Entry:**

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INJECTION: Should injection occur, DO NOT INDUCE VOMITING! Drink a glass of water or milk to dilute. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

SKIN: Remove with soap and water. Continue flushing for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation continues or if a large area of skin is affected.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

Health Hazards (Acute and Chronic):

Signs and Symptoms:

Medical Conditions Generally Aggravated by Exposure:

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate existing dermatitis. Other conditions unknown.

Emergency and First Aid Procedures:

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: <0 F

Lower Explosive Limit: No Data

Upper Explosive Limit: No Data

F.P. Method:

Fire Extinguishing Media: Use NFPA Class B extinguishers (CO₂, dry chemical or aqueous foam).

Special Fire Fighting Procedures:

Use water spray to cool fire exposed aerosol containers as containers can rupture violently from heat developed pressure.

Unusual Fire and Explosion:

When liquid or vapor comes into contact with flames or hot metal, products of combustion will be created. Firefighters should wear self-contained breathing apparatus.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

CONTAINMENT PROCEDURES: In case of spill, released content should be contained as any other solvent spill.

SPILL CLEANUP: In case of spill, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Ventilate the area immediately and provide continuous ventilation until all fumes and vapors have been removed.

REPORTING REQUIREMENTS: Spills due to rupture of a single container are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of the EPA and other local, state and federal agencies should be observed.

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VII. Handling and Storage:

Precautions to be Taken:

Avoid prolonged or repeated skin contact. Avoid breathing vapors. Store in area below 120 degrees F. Do not incinerate (burn) containers. Assure container is in a secure place to prevent knocking over and accidental spill. Always replace the overcap when not in use. For storage of pallet quantities, compliance with ANS/NFPA 30B is recommended.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state and federal regulations.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient from Section II.

Personal Protective Equipment:

EXPOSURE GUIDELINE: Since this product is a mixture, an OSHA or ACGIH exposure value is not available. In determination of any exposure procedures, protection or testing, use the lowest rated ingredient in Section II.

EYE PROTECTION: Safety glasses with side shields are recommended for any type of industrial chemical handling. Where eye contact could occur, chemical splash-proof goggles are recommended.

SKIN PROTECTION: For brief contact, no precautions other than clean body covering clothing should be needed. When prolonged contact or repeated contact could occur, use protective clothing such as nitrile gloves or other clothing impervious to the ingredients listed in Section II.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required an appropriate NIOSH approved respirator for organic vapor should be worn. If respirators are needed, assure compliance with OSHA standard 29 CFR 1910.134.

IX. Physical and Chemical Properties:

Boiling Point: <0-F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): No Data

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): Above 1.0

Solubility In Water: Negligible

Appearance and Odor: Colorless liquid, solvent odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Avoid contact with strong oxidizers

Decomposition/By Products:

Oxides of Carbon

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Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

ACUTE ORAL LD50: Acetone 5800 mg/kg (rat).

ACUTE DERMAL LD50: Acetone >20,000mg/kg (rabbit), >14 ml/kg (rabbit)

ACUTE INHALATION LC50: Acetone 16000 ppm/4H (rat).

XII. Ecological Information:

This product has not been tested for environmental effects.

XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

XIV. Transport Information:

IATA

Shipping name: Flammable liquid (Ethyl Alcohol, Acetone Solution)

Hazard class: 3

UN no.: 1993

Packing Group II

Flammable Liquid

XV. Regulatory Information:

TOXIC SUBSTANCES CONTROL ACT: All of the ingredients in this product are on the TSCA inventory.

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM: The following ingredients are listed: Acetone, Ethanol.

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.