

## Screen Care and Instructions:

Under normal use conditions, flexible phosphor screens will eventually show wear. Screen wear can result in artifacts on radiographs. This may occur from abrasion of the protective overcoat or inadvertent physical damage to surface.

1. Fold a non-abrasive, lint-free wipe or cloth and dampen with a small amount of IP Cleaner.  
**DO NOT POUR IP CLEANER DIRECTLY ONTO THE SCREEN AND AVOID CONTACT WITH EDGE PRINT.**
2. Wipe the screen thoroughly, one section at a time. Fold the cloth to expose a fresh area for each section of the screen.
3. Apply pressure to remove persistent dirt, if necessary.
4. Wipe the screen thoroughly, dry with a clean cloth to remove residual cleaner.  
**DO NOT LEAVE THE SCREEN TO AIR DRY**

**CAUTION:** Never insert a storage phosphor screen into a cassette unless the cassette and screen are thoroughly dry.

**CAUTION:** Failure to routinely clean the screens with proper Screen Cleaner may create the following result:

- **Artifacts on radiographs**
- **The screen may not transport from the cassette into the reader.**
- **The screen may not fully return to the cassette at the end of the cycle, preventing latching.**

**CAUTION:** Screen damage can result from contact with certain materials used in facilities performing radiology. Contact with Isopropyl alcohol, hydrogen peroxide and other peroxides, citrus based cleaners, hand lotions and water-less hand sanitizers, as well as surfactants and lubricants may cause visible or hidden damage to the screen and could result in immediate or future image artifacts. **AVOID CONTACT WITH THESE MATERIALS.**



**Rochester Cassette**  
Sales & Service

**CleanScreen**  
COMPUTED RADIOGRAPHY SCREEN CLEANING KIT

Count on Rochester Cassette for reliable high-quality computed radiography products including:

- CR Cassettes
- CR Imaging Plates
- Grids (Aluminum Interspaced Grids)
- Grid Adaptive Products

We are happy to answer any questions you might have regarding any of our products or services.

**INSTRUCTIONS**  
**&**  
**MSDS**

**www.RochesterCassette.com**  
**800.528.6311**

**Section 1: Product and Company Identification**

**Product Name:** CleanScreen **Product ID:** CLEANER.CleanScreen  
**Suppliers Name:** Rochester Cassette Sales & Service  
**Suppliers Address:** 50 Old Hojack Lane Hilton, NY 14468  
**Emergency Phone:** 585.734.4317 **Other Calls:** 585.392.4336  
**Fax:** 585.392.5575  
**Chemical Name:** N-Propyl Alcohol

**Section 2: Chemical Composition & Data on Components**

**Ingredient:** N-Propyl Alcohol- 100% **CAS Number:** 71-23-8

**Section 3: Hazards Identification****Emergency Overview:**

WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. MAY AFFECT CENTRAL NERVOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. ASPIRATION MAY CAUSE LUNG DAMAGE.

**Routes of Entry:** Inhalation, Ingestion, Skin Contact, Eye Contact.

**Potential Health Effects:**

**Eyes:** Contact may irritate eyes. Do not get this material in contact with eyes.

**Ingestion:** Components of the product may be absorbed in the body by ingestion. Do not ingest.

**Inhalation:** Avoid breathing in product.

**Skin:** Irritating to skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and rash. Avoid contact with skin.

**Acute and Chronic Health Hazards:** May exert its effects through inhalation, skin absorption and ingestion. Is a mild eye and mucous membrane irritant, primary skin irritant and central nervous system depressant. Acute exposure causes irritation, narcosis and gastrointestinal tract irritation.

**Aggravation of Pre-existing Conditions:**

Persons with pre-existing skin problems or impaired respiratory function may be more susceptible to the effects of this substance.

**Section 4: First Aid Measures:**

**Eyes:** Flush with water for at least 15 minutes

**Ingestion:** Aspiration hazard. Do NOT induce vomiting. Give large amounts of water. Never give anything by mouth to an unconscious person. Get medical attention

**Inhalation:** Remove to fresh air.

**Skin:** Flush affected area with water

**Notes to physicians or first aid providers:** Symptoms may be delayed.

**Section 5: Fire and Explosion Hazard Data**

**Flash Point:** F: 73.4F C: 23.0 C

**Flash Point Method:** TCC **Lower Explosive Limit:** 2.1 **Upper Explosive Limit:** 13.5

**Extinguishing Media:** Carbon dioxide, dry chemical, alcohol foam, water mist or fog.

**Special Information:** Wear NIOSH/MSHA approved self-contained breathing apparatus and full protective equipment heat will build pressure and may rupture closed storage containers.

Unusual fire and explosion hazards: Volatile and flammable.

**Section 6: Precautions for Safe Handling and Use**

**Neutralizing agent:** None specified by manufacturer

**Waste Disposal Method:** Dispose of I/A/W Federal, State, and local regulations.

**Precautions-Handling/Storage:** None specified by manufacturer

**Other Precautions:** None specified by manufacturer

**Section 7: Accidental Release Measures**

None specified by manufacturer.

**Section 8: Exposure Controls/Personal Protection:**

**OSHA PEL:** 200 PPM/250 STEL **ACGIH TLV:** S, 200PPM/250STEL9192

**Ventilation:** None specified by manufacturer

**Respiratory Protection:** Wear NIOSH/MSHA approved respirator

**Eye protection:** Chemical safety goggles

**Skin Protection:** Protective gloves

**Work Hygienic Practices:** Wash hands thoroughly after use and before eating, drinking, smoking or using sanitary facilities

**Notes:** Effects of overexposure: GI Tract discomfort, nausea, vomiting, and drowsiness.

**Section 9: Physical/Chemical Characteristics:**

**Appearance:** Clear, colorless liquid

**Boiling Point:** F: 207F C: 97 C

**Vapor Pressure (MM Hg/70 F):** 15

**Specific Gravity:** 0.804 @20 C

**Solubility in Water:** @20 C Complete

**Odor:** Alcohol odor

**Melting Point:** F: -195 F C: -126 C

**Vapor Density (Air =1):** 2.1

**Evaporation Rate (BuAc=1):** 1

**% Volatiles by Volume:** 100

**Section 10: Stability and Reactivity**

**Stability:** Yes

**Hazardous Decomposition Products:** Incomplete combustion can generate carbon monoxide and other toxic vapors.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong acids, strong oxidizing agents, reactive metals including aluminum which can displace hydrogen.

**Conditions to Avoid:** Heat, sparks, flames, ignition sources, open containers, incompatibles, poor ventilation and moisture.

**Section 11: Toxicological Information:**

**Carcinogenicity:** NTP: No

**IARC:** No

**OSHA:** No

**Section 12: Ecological Information:**

None specified by manufacturer.

**Section 13: Disposal Considerations:**

Refer to applicable regional, state and federal codes.

**Section 14: Transport Information:****Domestic (Land, DOT)-**

**Proper Shipping Name:** N-Propanol or Propyl Alcohol Normal

**Hazard Class:** 3 **UN/NA ID Number:** UN1274 **Packing Group:** II

**Label:** Flammable Liquid

**International (Water, IMO)-**

**Proper Shipping Name:** Normal-Propyl Alcohol

**Hazard Class:** 3.2 **UN/NA Number:** 1274

**Packing Group:** II

**International (Aor, IATA)-**

**Proper Shipping Name:** N-Propanol

**Hazard Class:** 3 **UN/NA ID Number:** 1274

**Label:** Flammable Liquid

**Section 15: Regulatory Data:**

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

**Section 16: Other Information:**

**NFPA Rating:** Health: 2

**Flammability:** 3

**Reactivity:** 0

**Specific Hazard:** None

**Label Precautions:**

**Common Name:** N-Propyl Alcohol

DANGER FLAMMABLE. Keep away from heat, sparks and flames, Avoid breathing vapor, Avoid contact with eyes, skin and clothing, Keep container closed, Use with adequate ventilation, Wash thoroughly after handling. Label First Aid:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases call a physician.

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