

# MATERIAL SAFETY DATA SHEET

Flat Screen Clean™

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## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Flat Screen Clean™  
**Product Use:** All-in-one flat and touch screen cleaning product.  
**Manufacturer/Supplier:** Rugani & Rugani LLC.  
64 A Locust Street  
Mc Kees Rocks PA, 15136  
**Phone Number:** 412-223-6472  
**Emergency Phone:** Rugani & Rugani LLC (412)223-6472  
**Date of Preparation:** September 12, 2018

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## Section 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

CAUTION

MAY CAUSE EYE IRRITATION.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, eye contact, inhalation, and ingestion.

**Eye:** May cause eye irritation.

**Skin:** May cause slight skin irritation in sensitive individuals.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation in sensitive individuals.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Handling can cause dry skin.

**Medical Conditions Aggravated By Exposure:** Asthma. Allergies.

**Target Organs:** Skin, eyes, gastrointestinal tract, respiratory system.

**Potential Environmental Effects:** Product not expected to pose an environmental hazard. See Section 12 for more information.

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## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
None by OSHA criteria.		

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## Section 4: FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

**Skin Contact:** If irritation occurs, flush skin with plenty of soap and water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, give plenty of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention or call poison control.

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**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

**Note to Physicians:** Symptoms may not appear immediately.

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## Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable by OSHA criteria.

**Means of Extinction:**

**Suitable Extinguishing Media:** Treat for surrounding material.

**Unsuitable Extinguishing Media:** Not available.

**Products of Combustion:** May include, and are not limited to: oxides of carbon.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**Protection of Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Contain and/or absorb spill, then place in a suitable container.

**Methods for Clean-Up:** Scoop up material and place in a disposal container.

**Other Information:** Not available.

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## Section 7: HANDLING AND STORAGE

**Handling:**

Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

**Storage:**

Keep out of the reach of children. Keep container tightly closed. Store in a cool, dry place. Store away from sources of heat and direct sunlight.

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## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

Ingredient	Exposure Limits OSHA-PEL
Not applicable.	

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear eye/face protection.

**Hand Protection:** Wear suitable gloves.

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**Skin and Body Protection:** None necessary under normal conditions of use.

**Respiratory Protection:** None necessary under normal conditions of use.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear.
<b>Color:</b>	Colorless.
<b>Odor:</b>	Mint.
<b>Odor Threshold:</b>	Not available.
<b>Physical State:</b>	Liquid.
<b>pH:</b>	Not available.
<b>Viscosity:</b>	Water thin.
<b>Freezing Point:</b>	~ 0 °C (~ 32 °F)
<b>Boiling Point:</b>	~ 100 °C (~ 212 °F)
<b>Flash Point:</b>	None.
<b>Evaporation Rate:</b>	Not available.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.
<b>Specific Gravity:</b>	~ 1.0
<b>Solubility in Water:</b>	Complete.
<b>Coefficient of Water/Oil Distribution:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Percent Volatile, wt. %:</b>	Not available.
<b>VOC content, wt. %:</b>	Not available.

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## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal storage conditions. **Conditions of**

**Reactivity:** Heat. Incompatible materials. **Incompatible**

**Materials:** Bleach. Ammonia. Household cleaners.

**Hazardous Decomposition Products:** May include, and are not limited to: oxides of carbon.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

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## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

Ingredient	LD <sub>50</sub> (oral)	LC <sub>50</sub>
	Not applicable.	

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**Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin:** May cause slight skin irritation in sensitive individuals. Handling can cause dry skin.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation.

## EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.

**Chronic Effects:** Not hazardous by OSHA criteria.

**Carcinogenicity:** Not hazardous by OSHA criteria.

**Ingredient**

**Chemical Listed as Carcinogen or Potential Carcinogen \***

Not applicable.

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by OSHA criteria.

**Reproductive Effects:** Not hazardous by OSHA criteria.

**Developmental Effects:**

**Teratogenicity:** Not hazardous by OSHA criteria.

**Embryotoxicity:** Not hazardous by OSHA criteria.

**Respiratory Sensitization:** Not hazardous by OSHA criteria.

**Skin Sensitization:** Not hazardous by OSHA criteria.

**Toxicologically Synergistic Materials:** Not available.

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## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Product not expected to pose an environmental hazard.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

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## Section 13: DISPOSAL CONSIDERATIONS

### Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Recycle container when empty.

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## Section 14: TRANSPORTATION INFORMATION

### DOT Classification

Not regulated

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## Section 15: REGULATORY INFORMATION

### Federal Regulations

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

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## SARA Title III

Ingredient

Section 302  
(EHS) TPQ (lbs.)

Section 304  
EHS RQ (lbs.)

CERCLA  
RQ (lbs.)

Section  
313

Not applicable.

## State Regulations

### California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## Global Inventories

Ingredient

USA  
TSCA

All ingredients are listed or exempt on TSCA inventories.

## HMIS - Hazardous Materials Identification System

Health - 1

Flammability - 0

Physical Hazard - 0

PPE - B

## NFPA - National Fire Protection Association:

Health - 1

Fire - 0

Reactivity - 0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

## SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

**OSHA (O)** Occupational Safety and Health Administration.

**ACGIH (G)** American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen. A3 -  
Animal carcinogen.

A4 - Not classifiable as a human carcinogen. A5 -  
Not suspected as a human carcinogen.

**IARC (I)** International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N)** National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

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## Section 16: OTHER INFORMATION

### Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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