


**Safety Data Sheet**  
Avalanche Glass Cleaner

**SECTION I - IDENTIFICATION**

 <b>JEM MFG</b>	JEM MFG LLC 1901 Parrish Drive SE Rome, GA 30161 (706) 232-1709 CHEMTREC :..... (800) 424-9300
---	--

**Product Number** F-818AV  
**Product Name** Avalanche Glass Cleaner  
**Chemical Family**  
**CAS Number** Multiple  
**Date Prepared** 6/1/2015  
**Revision Number**  
**Recommended Use** Industrial Use Only

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

Not a Hazardous Substance or Mixture

No Hazards

**GHS LABEL:**

**Hazard Statements**

NC Not a Hazardous Substance or Mixture

**Safety Data Sheet**  
**Avalanche Glass Cleaner**

**Precautionary Statements**

NC Not a Hazardous Substance or Mixture

**SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Diethylene Glycol Ethyl Ether	111-90-0	<5	Not Established	Not Established
Isopropyl Alcohol	67-63-0	<5	400 ppm	200ppm (TWA)

**SECTION IV - FIRST AID MEASURES**

**Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention.

**Skin contact:** Rinse thoroughly with water until soapy feeling disappears.

**Inhalation:** Remove victim to fresh air source. Seek medical attention if necessary.

**Ingestion:** If swallowed. Do not induce vomiting. Seek immediate medical attention.  
Give large quantities of water. Never give anything by mouth to an unconscious person.

**SECTION V - FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:** Use extinguishing apparatus suitable for materials surrounding fire.

**Special Fire Fighting Procedures** Gear designed to protect firefighters from wet environment is suitable for fighting fires near this product.

**Unusual Fire Fighting Hazards:** None.

**Safety Data Sheet**  
Avalanche Glass Cleaner

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None.

**Environmental Precautions:** Prevent liquid from entering drains, sewers or waterways.

**Methods for Cleaning Up:** Small spill: wipe up or wet vac.  
Large Spill: Absorb with water soluble media pads and/or booms. Mop, squeegee, or wet vacuum and containerize for proper disposal.

**SECTION VII - HANDLING AND STORAGE**

**Handling and Storage:**

- Avoid contact with eyes.
- Keep from freezing.
- Store in a cool, dry, ventilated area.
- Avoid direct contact with other chemicals.

**SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

**EXPOSURE LIMITS:**

Component Name	CAS #	OSHA PEL	ACGIH TLV
Diethylene Glycol Ethyl Ether	111-90-0	Not Established	Not Established
Isopropyl Alcohol	67-63-0	400 ppm	200ppm (TWA)

**Engineering Controls:** Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

**Monitoring:** Any clothing or shoes which became contaminated with the product should be removed immediately and thoroughly laundered before wearing again.

**Personal Protective Equipment (PPE)**

**Eye Protection:** Safety glasses.

**Skin Protection:** Latex or equivalent gloves.

**Respiratory Protection:** N/A

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Safety Data Sheet**  
Avalanche Glass Cleaner

<b>Appearance</b>	Blue liquid
<b>Odor</b>	slight alcohol scent
<b>pH@25°C</b>	9.8
<b>Melting/Freezing Point</b>	
<b>Flashpoint</b>	>200°F
<b>Specific Gravity</b>	
<b>Solubility</b>	Complete
<b>Auto-Ignition Temperature</b>	
<b>Decomposition Temperature</b>	
<b>VOC Content</b>	
<b>Odor Threshold</b>	
<b>Boiling Range</b>	212°F
<b>Evaporation Point</b>	Slow
<b>Flammable Limits - Upper</b>	None
<b>Flammable Limits - Lower</b>	None
<b>Vapor Pressure</b>	N/A
<b>Vapor Density (Air=1)</b>	N/A
<b>Viscosity</b>	<20 CPS

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable, under normal conditions of storage and handling.

**Conditions to Avoid:** Acids.

**Hazardous Decomposition/Byproducts:** None known

**Hazardous Polymerization:** Will not occur.

**Polymerization Conditions to Avoid:** None

**Incompatibilities:** Strong acids.

**Safety Data Sheet**  
Avalanche Glass Cleaner

**SECTION XI - TOXICOLOGICAL INFORMATION**

**Likely Route of Exposure:** Contact and inhalation; ingestion possible.

**Inhalation:** No test data for product.

**Eye Contact:** Mildly irritating.

**Skin Contact:** Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

**Ingestion:** Irritation, possible nausea.

**Toxicity:**

Component Name	LD50	LC50
Diethylene Glycol Ethyl Ether	Oral - rat - 10,502 mg/kg; Dermal - rabbit - 9,143 mg/kg	Inhalation - rat - > 200 mg/l
Isopropyl Alcohol	Oral - Rat - 5,045 mg/kg - Dermal - Rabbit - 12,800 mg/kg	Inhalation - Rat - 8 h - 16000 ppm

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

**SECTION XII - ECOLOGICAL INFORMATION**

**Ecotoxicity:** Information not available.

**Mobility:** Information not available.

**Degradability:** Information not available.

**BioAccumulation:** Information not available.

**SECTION XIII - WASTE DISPOSAL CONSIDERATIONS**

Follow state and local guidelines as they may differ from Federal laws and regulations. If uncontaminated by other products, this product may be disposed of an non-hazardous in the appropriate wastewater treatment facility.

**Safety Data Sheet**  
Avalanche Glass Cleaner

**SECTION XIV - TRANSPORT INFORMATION**

**DOT SHIPPING INFORMATION**

**Proper Shipping Name:** Not regulated by DOT

**Contains:**

**Hazard Class and Label:**

**Identification Number:**

**Packaging Group:**

**Other Shipping Info:**

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:**.....

**SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:**

Acute	Chronic	Fire	Pressure	Reactive
X				

**SARA TITLE III SECTION 313 SUPPLIER INFORMATION:**

No chemicals in this material are subject to the reporting requirements.

**CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**CALIFORNIA PROPOSITION 65:**

No chemicals in this material are subject to the reporting requirements.

**SECTION XVI - OTHER INFORMATION**

**HMIS Health:** ..... 1

**HMIS Flammability:** ..... 1

**HMIS Reactivity:** ..... 0

**Additional:** In case of emergency, call CHEMTREC 800-424-9300

Disclaimer - The information in this SDS is given in good faith, but no warranty expressed or implied is made. JEM MFG LLC assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. As potential misuse of the material cannot be controlled by the manufacturer, vendees or end users assume all risks associated with the use of the material.

**Safety Data Sheet**  
Avalanche Glass Cleaner