

# MSDS - Material Safety Data Sheet

**Product Name:** GRIFFIN'S GLASS CLEANER

**S No.:** G178

## I. Basic Information:

**Manufacturer:** GRIFFIN BROS. INC  
**Address:** P.O. Box 42194

**Emergency / Information:** 800-456-4743

**City, ST Zip:** PORTLAND, OR 97242

**Last Update:** 8/20/98

**Chemical State:**  Liquid  Gas  Solid

**24 Hour Emergency CHEMTREC:** 800-424-9300

**Chemical Type:**  Pure  Mixture

## II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
67630	Isopropyl alcohol (mfg-strong acid process)						X	400ppm	400ppm	none

## III. Hazardous Identification:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

## IV. First Aid Measures:

**Route(s) of Entry:**  
Eyes, Skin, Ingestion.

**Health Hazards (Acute and Chronic):**  
Eyes-irritation./Skin-redness, possible dermatitis./Ingestion-Esophagel and Stomach Cramps.

**Signs and Symptoms:**  
Irritation-burning sensation Cramps, Dizziness

**Medical Conditions Generally Aggravated by Exposure:**  
none known.

**Emergency and First Aid Procedures:**  
Skin-rinse with plenty of water./Eyes-rinse with water for 15 minutes./ Ingestion-Give water. Induce Vomiting. Call a physician if necessary.

## Fire Fighting Measures:

**Flash Point:** 184F TOC      **Lower Explosive Limit:** N/A      **Upper Explosive Limit:** N/A

**Fire Extinguishing Media:** nonflammable

**Special Fire Fighting Procedures:**

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none

**Unusual Fire and Explosion:**

none

## VI. Accidental Release Measures:

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

Mop or soak up with absorbant pads.

## VII. Handling and Storage:

**Precautions to be Taken:**

Store below 120F

**Other Precautions:**

none

## VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

not necessary.

**Personal Protective Equipment:**

.Safety glasses if contact likely.

## IX. Physical and Chemical Properties:

<b>Boiling Point:</b> 200F	<b>Specific Gravity (H2O = 1)</b> 0.98	<b>Melting Point:</b> n/a	<b>Evaporation Rate:</b> >1
<b>Vapor Pressure (mm Hg.):</b> >15	<b>Vapor Density (AIR = 1):</b> >1		
<b>Solubility In Water:</b> 100%			
<b>Appearance and Odor:</b> Pink liquid., Alcohol odor.			

## X. Stability and Reactivity:

**Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

none

**Decomposition/By Products:**

none known.

**Hazardous Polymerization:**

Will not occur.

## XIII. Disposal Considerations:

Dispose according to Local, State and Federal regulations.