



# MATERIAL SAFETY DATA SHEET

## Wynn's Professional Products Glass Cleaner

WYNN'S  
A division of Illinois Tool Works Inc.  
1151 West Fifth Street  
Azusa, California 91702

**EMERGENCY TELEPHONE NUMBER:**  
Chemtrec (800) 424-9300  
**INFORMATION TELEPHONE NUMBER:**  
Wynn's (626) 334-0231

### PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Glass Cleaner - Aerosol	12-16-05	57612
CHEMICAL NAME	CAS NUMBER	
NA	NA	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Aqua Ammonia	Ammonium Hydroxide	1336-21-6	50	25 ppm
Isobutane	2-Methylpropane	75-28-5	--	800 ppm
Isopropyl Alcohol	2-Propanol	67-63-0	400	400 ppm
Butyl Cellosolve	2-Butoxyethanol	111-76-2	50	25 ppm

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

### PHYSICAL DATA

These data are approximate or typical values and should not be used as precise specifications. Unless otherwise noted values are at 20°C(68°F) and 760 mmHg (1 atm).

<b>Boiling Point/Range</b>	10-212°F (-12 - 100°C)	<b>Freeze/Melt Point</b>	32°F(0°C)
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	1.0	<b>Vapor Pressure (mm Hg) @ 70°F</b>	48
<b>Vapor Density (Air =1)</b>	4.0	<b>Solubility in Water (%)</b>	100%
<b>% Volatile Organic Compounds (CARB)</b>	≤12%	<b>Evaporation Rate (Butyl Acetate = 1)</b>	< 1
<b>pH (as is)</b>	10.5 - 11.0	<b>pH (dilute) @ %</b>	NA
<b>Appearance</b>	Clear liquid	<b>Odor</b>	Lemon

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

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## FIRE AND EXPLOSION HAZARD DATA

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**Flash Point** -160°F(-107°C) **Method** TAG Open Cup

**Flammable or Explosive Limits** (Approximate percent by volume in air)

Lower (LEL) 1.9 Upper (UEL) 8.5

### Hazard Class Identification

	<b>Flammability</b> 4		<b>Hazard Code</b> 0 - Least (insignificant) 1 - Slight 2 - Moderate 3 - High 4 - Extreme
<b>Health</b> 2		<b>Reactivity</b> 0	
	<b>Other</b> --		

### Extinguishing Media

Carbon dioxide, dry chemicals, water fog.

### Special Fire Fighting Procedures

Use water to cool fire exposed containers. Fire fighters wear a self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards

Exposure to heat and direct sunlight may cause cans to burst. DO NOT spray near open flame.

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## REACTIVITY DATA

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### Stability

Stable

### Conditions to Avoid

Heat, open flame. Temperatures above 120°F.

### Materials to Avoid

Strong oxidizing agents.

### Hazardous Decomposition or Combustion Products

Thermal decomposition will produce smoke, oxides of carbon, nitrogen.

### Hazardous Polymerization (conditions)

Will not occur.

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## HEALTH HAZARDS/ROUTES OF ENTRY

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### Signs, Symptoms and Effects of Overexposure

**Ingestion** (swallowing) May cause digestive tract irritation. Aspiration hazard if swallowed.

**Skin Contact** Irritant to skin. Prolonged contact may cause redness, defatting of skin.

**Eye Contact** Irritant to eyes. May cause redness.

**Inhalation** (breathing) Irritant to upper respiratory tract. May cause dizziness.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Vapors in a confined area in high concentrations are anesthetic. Overexposure may result in light headedness, dizziness, nausea.

**Chronic Effect:** Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage.

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## EMERGENCY AND FIRST AID PROCEDURES

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**Ingestion** (swallowing) Give 2-3 cups of water. Call a physician immediately.

**Skin Contact** Wash effected area with soap and water. Remove contaminated clothing.

**Eye Contact** Flush eyes with water for 15 minutes. If irritation persists, call a physician.

**Inhalation** (breathing) Remove person to fresh air to avoid further vapor inhalation.

**Comments** NOTE TO PHYSICIANS: Emesis may be induced for large quantities under supervision.

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## SPILL OR RELEASE CONTROL PROCEDURES

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### Steps to be taken in case material is released or spilled

Remove all sources of ignition. Ventilate area. Remove with absorbent material. Use non-sparking tools. Shovel into waste drum. Remove drum out of doors.

### Waste Disposal Method

Dispose of in accordance to Federal, State and Local regulations. Disposal governed by RCRA regulations. DO NOT incinerate.

### EPA Reportable Quantity (RQ), 40CFR302 (CERCLA104)

Ammonium Hydroxide (1000 lbs.).

**EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)**

<b>Chemical</b>	<b>CAS NO.</b>	<b>% in Product</b>
Glycol Ether	N/A	4.0

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## **HANDLING AND STORAGE**

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### **Handling and Storage Precautions**

DANGER: Extremely flammable. Keep away from heat and flame. Contents under pressure. Vapors harmful. Harmful or fatal if swallowed. Avoid exposure to direct sunlight. Store at room temperature. KEEP OUT OF REACH OF CHILDREN.

### **Other Precautions**

DO NOT puncture or incinerate.

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## **PERSONAL PROTECTION - EXPOSURE CONTROL**

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### **Ventilation**

Normal use none required. Explosion proof exhaust is recommended in enclosed area.

### **Respiratory Protection**

Normal use none required. To prevent overexposure NIOSH approved organic vapor respirator is recommended.

### **Eye Protection**

Chemical splash goggles with side shield.

### **Protective Gloves**

Impervious gloves.

### **Other Protective Clothing or Equipment**

None under normal use. Eye wash station.

### **Work/Hygienic Practices**

Personal cleanliness is always appropriate. Frequent washing minimizes chances of inadvertent exposure.

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## TRANSPORTATION INFORMATION

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### Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
	Flammable Solid		Non-Flammable Gas
X	Flammable Gas		Not Hazardous by DOT
	Combustible Liquid		Other:

### DOT Proper Shipping Name

Aerosols

### DOT ID Number

UN 1950

NOTE: Consumer Commodity, ORM-D may be used within the USA.

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## DOCUMENTATION

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Product Code No.: 57612  
Previous Code No.: 57612

Issue Date: 12-16-05  
Prior Date: 03-04-05

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