



# MATERIAL SAFETY DATA SHEET

## Wynn's X-Tend Non-Chlorinated Brake & Parts Cleaner - Aerosol

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

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### PRODUCT IDENTIFICATION

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PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's X-Tend Non-Chlorinated Brake & Parts Cleaner – Aerosol	12-30-05	62908
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

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### HAZARDOUS INGREDIENTS

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COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Acetone	2 Propanone	67-64-1	1000	500 ppm
Heptane	n-Heptane	142-82-5	500	400 ppm
Toluene	Methylbenzene	108-88-3	200	50 ppm, skin
Carbon Dioxide	Carbon Dioxide	124-38-9	5000	5000 ppm
Isopropanol	2-Propanol	67-63-0	400	400 ppm
Methanol	Methyl Alcohol	67-56-1	200	200 ppm, skin
Methyl Ethyl Ketone	2-Butanone	78-93-3	200	200 ppm
Xylene	Mixed Xylenes	1330-20-7	100	100 ppm
Ethyl Benzene	Ethyl Benzene	100-41-4	100	100 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>	133-279 (56-137EC)	<b>Freeze/Melt Point</b>	N/D °F( °C)
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.8	<b>Vapor Pressure (PSIG @ 70EF)</b>	85
<b>Vapor Density (Air =1)</b>	4.0	<b>Solubility in Water (%)</b>	0
<b>% Volatiles by Volume</b>	N/D	<b>Evaporation Rate (Butyl Acetate = 1)</b>	>1
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Clear liquid	<b>Odor</b>	Solvent

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

## FIRE AND EXPLOSION HAZARD DATA

**Flash Point** <-1°F(-18°C)      **Method**      **TCC**

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

Lower (LEL)    N/D

Upper (UEL)    N/D

**Hazard Class Identification**

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

Carbon dioxide, dry chemicals, foam or 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**

Aerosol cans may rupture when exposed to heat.

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## REACTIVITY DATA

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### Stability

Stable.

### Conditions to Avoid

Avoid spraying around open flame. Avoid high temperature sources.

### Materials to Avoid

Strong oxidizers, acids.

### Hazardous Decomposition or Combustion Products

Carbon Dioxide

### 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) Harmful if swallowed. Can cause vomiting, dizziness, headaches, loss of coordination. Aspiration hazard.

**Skin Contact** Can cause skin irritation. Prolonged contact may cause redness, burning, drying and cracking of skin.

**Eye Contact** May cause eye irritation. Direct contact with liquid causes stinging, tearing, blurred vision and pain.

**Inhalation** (breathing) High concentrations of vapors or mist has anesthetic effect. Causes nose and throat irritation. Signs of inhalation are headaches, dizziness and loss of coordination.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Overexposure to high concentrations of vapors or mist are anesthetic. Can affect the central nervous system, lungs, liver and kidneys. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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## EMERGENCY AND FIRST AID PROCEDURES

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<b>Ingestion</b> (swallowing)	DO NOT induce vomiting. Call a physician immediately.
<b>Skin Contact</b>	Remove contaminated clothing. Wash effected area with soap and water.
<b>Eye Contact</b>	Flush with water for 15 minutes. If irritation persists, seek medical attention.
<b>Inhalation</b> (breathing)	Remove person to fresh air to avoid further inhalation.
<b>Comments</b>	NOTE TO PHYSICIANS: Exposure to high vapor concentrations of this material may be associated with cardiac abnormalities. Aspiration hazard.

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## SPILL OR RELEASE CONTROL PROCEDURES

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

Eliminate all ignition sources. Ventilate area and restrict entry. Wear protective equipment. Keep liquid out of sewer and water ways.

### Waste Disposal Method

Dispose of in accordance with Federal, State and local regulations.

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

Acetone (5000 lbs.), Toluene (1000 lbs.), Methanol (5000 lbs.), Methyl Ethyl Ketone (5000 lbs), Xylene (100 lbs), Ethyl Benzene (1000 lbs)

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

Chemical	CAS NO.	% in Product
Toluene	108-88-3	1-10
Methanol	67-56-1	1-10
Xylene	1330-20-7	1-10
Methyl Ethyl Ketone	78-93-3	1-10
Ethylbenzene	100-41-4	1-10

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## HANDLING AND STORAGE

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### Handling and Storage Precautions

Extremely flammable. Keep away from heat, sparks, open flame. Avoid contact with skin and eyes. Use adequate ventilation. Store in cool dry place. DO NOT puncture or incinerate.

### Other Precautions

KEEP OUT OF REACH OF CHILDREN.

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## PERSONAL PROTECTION - EXPOSURE CONTROL

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### Ventilation

Provide adequate general or local ventilation to maintain concentrations below TLV/PEL limits..

### Respiratory Protection

If vapors exceed TLV/PEL limits, use a NIOSH approved respirator.

### Eye Protection

Use safety glasses with side-shields.

### Protective Gloves

Use chemical-resistant gloves.

### Other Protective Clothing or Equipment

None required.

### 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
XXX	Flammable Gas		Not Hazardous by DOT
	Combustible Liquid		Other:

### DOT Proper Shipping Name

Aerosols, flammable

### DOT ID Number

UN 1950

**Note:** Consumer Commodity, ORM-D may be used for ground transportation within the USA.

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## DOCUMENTATION

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Product Code No.: 62908  
Previous Code No.: 62908

Issue Date: 12-30-05  
Prior Date: 09-09-02

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