



MATERIAL SAFETY DATA SHEET

Wynn's Professional Products
Brake and 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

PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Brake and Parts Cleaner- Aerosol	12-16-05	57703
CHEMICAL NAME	CAS NUMBER	
NA	NA	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Perchloroethylene	Tetrachloroethylene	127-18-4	100 ppm	25 ppm
Carbon Dioxide	Carbonic Anhydride	124-38-9	5000 ppm	5000 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).

Boiling Point/Range	250°F (121°C)	Freeze Point	-8.3 °F(-22.4°C)
Specific Gravity (H ₂ O=1) @ 15.6°C	1.6	Vapor Pressure (PSIG)	90-105
Vapor Density (Air =1)	5.83	Solubility in Water (%)	Insoluble
% Volatile Organic Compounds (CARB)	0	Evaporation Rate (Butyl Acetate =1)	>1
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Liquid	Odor	Solvent

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point None °F(°C) **Method** NA

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

Lower (LEL) N/A Upper (UEL) N/A

Hazard Class Identification

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

Extinguishing Media

Water fog, dry chemicals, carbon dioxide, foam.

Special Fire Fighting Procedures

Water may be used to keep fire exposed containers cool. Use a self contained breathing apparatus.

Unusual Fire and Explosion Hazards

Exposure to heat may cause bursting. Toxic fumes, such as phosgene gas can be generated in a fire situation.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Temperatures above 120°F.

Materials to Avoid

Strong oxidizers, sodium, potassium, and barium.

Hazardous Decomposition or Combustion Products

Thermal decomposition can produce carbon monoxide, carbon dioxide, hydrogen chloride, chlorine and phosgene gas.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) Harmful or fatal if swallowed. May cause vomiting, dizziness and nausea. If vomiting occurs, material aspirated into the lungs can cause chemical pneumonia .

Skin Contact Prolonged or repeated contact may cause dermatitis, irritation and defatting.

Eye Contact May cause severe irritation to eyes.

Inhalation (breathing) Vapors are harmful if inhaled. Irritant to upper respiratory tract. May cause dizziness, nausea, vomiting.

Other Effects of Prolonged/Repeated Overexposure

This material has been identified as a carcinogen by NTP, IARC or OSHA. Repeated and prolonged overexposure to solvents have been reported to affect the central nervous system, lung, liver, and kidney.

Warning: This product contains chemicals known to the State of California to cause cancer.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) DO NOT induce vomiting. If vomiting occurs keep head below hips to help keep liquid from getting into lungs. Call for medical attention.

Skin Contact Wash affected area with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

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

Inhalation (breathing) Remove patient to fresh air. Get medical attention.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Ventilate area. Wear protective equipment. Absorb with inert material. Remove absorbent out of doors. Keep away from sewer and water ways.

Waste Disposal Method

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

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

Perchloroethylene (100 lbs.)

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Perchloroethylene	127-18-4	95-100

HANDLING AND STORAGE

Handling and Storage Precautions

Store at room temperature. DO NOT store at temperatures above 120°F. Exposure to direct sunlight or heat may cause bursting. Use only in well ventilated areas.

Other Precautions

KEEP AWAY FROM CHILDREN. DO NOT PUNCTURE. DO NOT INCINERATE.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

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

Respiratory Protection

None normally required. If vapors exceed TLV/PEL values, use a NIOSH approved respirator

Eye Protection

Safety glasses with side shields.

Protective Gloves

Impervious gloves.

Other Protective Clothing or Equipment

Eye wash station is recommended.

Work/Hygienic Practices

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

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

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

DOT Proper Shipping Name

Aerosols, nonflammable

DOT ID Number

UN 1950

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

DOCUMENTATION

Product Code No.: 57703
Previous Code No.: 57703

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

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