



MATERIAL SAFETY DATA SHEET

Wynn's Bulk Brake 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 Bulk Brake Cleaner	12-30-05	63902
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Hexane	n-hexane	110-54-3	100	500	50 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	154°F(68°C)	Freeze/Melt Point	N/D °F(°C)
Specific Gravity (H₂O=1) @ 15.6°C	0.7	Vapor Pressure (mm Hg)	N/D
Vapor Density (Air =1)	3.0	Solubility in Water (%)	0
% Volatiles by Volume	100	Evaporation Rate (Butyl Acetate = 1)	Faster than ether
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear liquid	Odor	Faint odor

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point -9°F(-23°C) **Method** Tag Open Cup

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

Lower (LEL) 1.1 Upper (UEL) 7.5

Hazard Class Identification

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

Extinguishing Media

Carbon dioxide, dry chemicals, foam.

Special Fire Fighting Procedures

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

Unusual Fire and Explosion Hazards

Above flash points, vapor-air mixtures are explosive within flammable limits noted above.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Avoid high temperature sources, and open flame.

Materials to Avoid

Strong oxidizers

Hazardous Decomposition or Combustion Products

Thermal decomposition may produce toxic gases and vapors.

Hazardous Polymerization (conditions)

WILL NOT OCCUR.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing)	Harmful if swallowed. Can cause vomiting, dizziness, headaches, loss of coordination. Aspiration into the lungs may produce severe lung damage.
Skin Contact	May cause skin irritation. Prolonged contact may cause redness, burning, drying and cracking of skin.
Eye Contact	Vapors may cause eye irritation. Direct contact with liquid may cause 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. Prolonged and repeated exposure to vapors or mist in high concentrations may cause damage to peripheral nerve tissue (arms, legs). Overexposure to high concentrations of vapors or mist are anesthetic. Can affect the central nervous system, lungs and kidneys.

EMERGENCY AND FIRST AID PROCEDURES

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

SPILL OR RELEASE CONTROL PROCEDURES

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

DO NOT incinerate. Dispose of in an approved disposal facility. Under RCRA regulation it is an ignitable hazardous waste.

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

Hexane (5,000 lbs)

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Hexane	110-54-3	100

HANDLING AND STORAGE

Handling and Storage Precautions

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.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Explosion proof local exhaust to reduce vapors below TLV limits.

Respiratory Protection

Normal use, none required. If vapors exceed TLV limits use a self contained breathing apparatus.

Eye Protection

Safety goggles.

Protective Gloves

Impervious gloves.

Other Protective Clothing or Equipment

None required.

Work/Hygienic Practices

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

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

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

DOT Proper Shipping Name

Hexanes

DOT ID Number

UN 1208

DOT PACKING GROUP

II

DOCUMENTATION

Product Code No.: 63902
Previous Code No.: 63902

Issue Date: 12-30-05
Prior Date: 02-04-98

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