



MATERIAL SAFETY DATA SHEET

Wynn's Ultra Synthet Grease

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 Ultra Synthet Grease	12-16-05	58502, 58503, 58504, 58506
CHEMICAL NAME	CAS NUMBER	
Calcium-Based Petroleum Grease	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Petroleum Oil	Distillates, Petroleum, Solvent Refined Heavy Paraffinic	64742-88-4	5 mg/m ³ as mist	5 mg/m ³ as mist
Petroleum Oil	Distillates, Petroleum, Solvent Dewaxed Heavy Paraffinic	64742-65-0	5 mg/m ³ as mist	5 mg/m ³ as mist
Petroleum Oil	Residual Oils, Petroleum, Solvent-Refined	64742-01-4	5 mg/m ³ as mist	5 mg/m ³ as mist
Calcium dodecylbenzene sulfonate	Benzenesulfonic acid, dodecyl-, calcium salt	26264-06-2	None Established	None Established

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	>600°F(>316°C)	Freeze Point	N/D °F(°C)
Specific Gravity (H₂O=1) @ 15.6°C	0.90-1.00	Vapor Pressure (mm Hg)	<0.01
Vapor Density (Air =1)	>1	Solubility in Water (%)	Negligible
% Volatiles by Volume	Negligible	Evaporation Rate (Butyl Acetate = 1)	N/D
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	No dye, solid grease	Odor	Hydrocarbon

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 475°F(246°C) **Method** Cleveland Open Cup ASTM D-92

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

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

Hazard Class Identification

	Flammability 1		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, water spray.

Special Fire Fighting Procedures

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

Unusual Fire and Explosion Hazards

None indicated.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Elevated temperatures.

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition or Combustion Products

Thermal decomposition may produce oxides of carbon.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) Accidental swallowing can cause irritation to the stomach and intestinal tract.

Skin Contact May cause skin irritation as a result of prolonged contact.

Eye Contact May cause irritation due to direct contact.

Inhalation (breathing) Exposure to oil, mist or fumes generated when heating this material may cause irritation to the nose, throat and upper respiratory tract.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA.
Prolonged or repeated contact may cause skin and eye irritation.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) Call a physician immediately.

Skin Contact Wash with soap and water. Remove contaminated clothing.

Eye Contact Flush eyes for 15 minutes. If irritation develops, call a physician.

Inhalation (breathing) Remove person to fresh air.

Comments NOTE TO PHYSICIANS: This material is a complex solid mixture with a low order of acute toxicity.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Remove with absorbent material. Shovel into waste containers. Prevent entry to sewers or surface waters.

Waste Disposal Method

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

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

Benzenesulfonic acid, dodecyl-, calcium salt (1000 lbs)

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
N/A	N/A	N/A

HANDLING AND STORAGE

Handling and Storage Precautions

CAUTION: Contains petroleum oil. Avoid skin and eye contact. Store in a cool dry place.

Other Precautions

For industrial use only.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Normal use, none required.

Respiratory Protection

Normal use, none required.

Eye Protection

Safety glasses.

Protective Gloves

Oil resistant gloves, such as neoprene, nitrile, polyethylene or PVC.

Other Protective Clothing or Equipment

None special.

Work/Hygienic Practices

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

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

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

DOT Proper Shipping Name

N/A

DOT ID Number

N/A

DOCUMENTATION

Product Code No.: 58502, 58503, 58504, 58506
Previous Code No.: 58503, 58504, 58504, 58506

Issue Date: 12-16-05
Prior Date: 11-02-04

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