



# MATERIAL SAFETY DATA SHEET

## Wynn's X-Tend Synthetic Plus (Japan)

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 X-Tend Synthetic Plus (Japan)	12-29-05	64609
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Petroleum Oil	64742-58-1	65-75	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Petroleum Hydrocarbon	Petroleum Oil	64741-88-4	<5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

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>	>600°F(315.5°C)	<b>Freeze Point</b>	<30°F(<-1°C)
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.88	<b>Vapor Pressure (mm Hg)</b>	<1
<b>Vapor Density (Air =1)</b>	N/A	<b>Solubility in Water (%)</b>	Nil
<b>% Volatiles by Volume</b>	0	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/D
<b>pH (as is)</b>	N/D	<b>pH (dilute) @ %</b>	N/D
<b>Appearance</b>	Clear Dark Brown Liquid	<b>Odor</b>	Mild

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

---

## FIRE AND EXPLOSION HAZARD DATA

---

**Flash Point** 320°F(160°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

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

### Extinguishing Media

Dry chemicals, carbon dioxide, water fog, foam.

### Special Fire Fighting Procedures

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

### Unusual Fire and Explosion Hazards

Combustion will produce smoke and toxic fumes.

---

## REACTIVITY DATA

---

### Stability

Stable.

### Conditions to Avoid

Heat, open flame.

### Materials to Avoid

Strong oxidizing agents.

### Hazardous Decomposition or Combustion Products

Thermal decomposition may produce oxides of carbon, sulfur, nitrogen, phosphorus, zinc and sodium.

### Hazardous Polymerization (conditions)

Will not occur.

---

## HEALTH HAZARDS/ROUTES OF ENTRY

---

### Signs, Symptoms and Effects of Overexposure

- Ingestion** (swallowing) DO NOT swallow. If swallowed, may cause slight irritation to digestive tract. Signs and symptoms are discomfort, nausea, vomiting.
- Skin Contact** May absorb on prolonged contact. Can cause irritation to skin. Prolonged contact causes redness, defatting of skin to sensitive individuals.
- Eye Contact** May cause irritation to the eyes on direct contact, symptoms include redness and blurred vision.
- Inhalation** (breathing) Vapors generated at elevated temperatures can cause irritation to respiratory tract.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Prolonged and repeated contact with skin will cause irritation, defatting of skin and redness.

---

## EMERGENCY AND FIRST AID PROCEDURES

---

- Ingestion** (swallowing) DO NOT induce vomiting. Give 2-3 cups of water or milk. Call for medical help.
- Skin Contact** Wash affected area with soap and water. If irritation persists, call for medical help.
- Eye Contact** Flush eyes with water for 15 minutes. If irritation persists, call for medical help.
- Inhalation** (breathing) Remove to fresh air to avoid further inhalation.
- Comments** NOTE TO PHYSICIANS: Treatment should be controlled by symptoms and clinical conditions. Emesis may be induced under medical supervision.

---

## SPILL OR RELEASE CONTROL PROCEDURES

---

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

Use absorbent sand, clay or vermiculite. Shovel into containers. Prevent liquid from entering into sewers and waterways.

### Waste Disposal Method

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

### Environmental Hazard (EPA-CWA, Section 311)

Spills of this material leading to surface waters where it will cause a sheen must be reported to the National Response Center (800) 424-8802.

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

N/A

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

Chemical	CAS NO.	% in Product
Zinc compound	---	4
Copper compound	---	2

---

## HANDLING AND STORAGE

---

### Handling and Storage Precautions

CAUTION: Contains petroleum oil. Avoid skin and eye contact. DO NOT store opened containers. Use entire contents.

### Other Precautions

KEEP AWAY FROM CHILDREN.

---

## PERSONAL PROTECTION - EXPOSURE CONTROL

---

### Ventilation

Normal use, none required. If misting occurs a mechanical or local exhaust is recommended.

### Respiratory Protection

Normal use, none required.

### Eye Protection

Safety glasses.

### Protective Gloves

Rubber, plastic gloves.

### Other Protective Clothing or Equipment

None.

### Work/Hygienic Practices

Personal cleanliness is always appropriate. Frequent washing minimizes 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

NA

---

## DOCUMENTATION

---

Product Code No.: 646  
Previous Code No.: 646

Issue Date: 12-29-05  
Prior Date: 02-04-98

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.