



MATERIAL SAFETY DATA SHEET

Wynn's Professional Products Rust Penetrant – Bulk

WYNN'S
A division of Illinois Tool Works Inc.
1151 West Fifth Street
Azusa, California 91702

EMERGENCY TELEPHONE NUMBER:
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PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Rust Penetrant - Bulk	11-09-05	52702
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Petroleum Distillate	Petroleum Distillate	64742-47-8	70 - 80	5 mg/m ³ as mist	5 mg/m ³ as mist
Petroleum Oil	Petroleum Oil	64742-52-5	20 - 30	5 mg/m ³ as mist	5 mg/m ³ as mist

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	350-500°F (177-260°C)	Freeze Point	N/A °F(°C)
Specific Gravity (H₂O=1) @ 15.6°C	0.78	Vapor Pressure (mm Hg)	N/D
Vapor Density (Air =1)	N/A	Solubility in Water (%)	<0.1
% Volatiles by Volume	80%	Evaporation Rate (Butyl Acetate = 1)	N/D
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Black, opaque liquid	Odor	Petroleum distillate

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 141°F(61°C) **Method** Pensky-Martens Closed Cup ASTM D-93

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

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

Hazard Class Identification

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

Extinguishing Media

Dry chemicals, carbon dioxide, foam, 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

Will produce smoke, 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.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) Harmful or fatal if swallowed.

Skin Contact May cause slight irritation, defatting of skin. May be absorbed through skin on long exposure.

Eye Contact May be slight irritant to the eyes. May cause blurred vision.

Inhalation (breathing) May cause irritation to nose, throat and respiratory tract.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA.
Overexposure to vapors may result in light headedness, dizziness, possible nausea.
CHRONIC EFFECT: Repeated and prolonged overexposure to solvent vapors may result in brain, nervous system, kidney and liver damage.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) DO NOT induce vomiting. Call a physician immediately.

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

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

Inhalation (breathing) Remove person to fresh air to avoid further inhalation.

Comments NOTE TO PHYSICIANS: Rapid absorption may occur through lungs. If aspirated and systemic symptoms occur, the decision whether to induce vomiting should be made by the attending physician.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Remove all sources of ignition. Ventilate area. Avoid breathing of vapors. Remove with inert absorbent.

Waste Disposal Method

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

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

N/A

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: Harmful if swallowed. Contains petroleum distillates. Combustible liquid. Store in cool, dry place.

Other Precautions

FOR INDUSTRIAL USE ONLY.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Provide an explosion proof mechanical or local exhaust in confined areas to maintain exposure levels below TLV limits.

Respiratory Protection

Normal use, none required.

Eye Protection

Safety glasses.

Protective Gloves

Impervious gloves.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Personal cleanliness is always appropriate. Frequent washing minimizes chance 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 (Not DOT regulated in these quantities)

DOT ID Number

N/A

DOCUMENTATION

Product Code No.: 52702
Previous Code No.: 52702

Issue Date: 11-09-05
Prior Date: 11-03-97

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