

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Trade name : PW90  
Product form : Mixture  
Product code : NONE

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Press Wash

**1.3. Details of the supplier of the safety data sheet**

RhinoTech  
2955 Lone Oak Circle  
Eagan, MN 55121  
651-686-5027

**1.4. Emergency telephone number**

Emergency number : ChemTel, Inc. 800-255-3924, International 813-248-0585

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (GHS-US)**

<u>Hazard Code</u>	<u>Hazard Class</u>	<u>Hazard Category</u>
H226	Flammable liquids	3
H315	Skin corrosion/irritation	2
H317	Sensitization, skin	1
H336	Specific target organ toxicity, single exposure (Narcotic Effect)	3

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US)



Signal Word (GHS-US): **Warning**

Hazard Statements (GHS-US):

H226: Flammable liquid and vapor  
H315: Causes skin irritation  
H317: May cause allergic skin reaction  
H336: May cause drowsiness or dizziness

Precautionary statements (GHS-US):

P210: Keep away from heat/sparks/open flames/hot surfaces. -No smoking.  
P233: Keep container tightly closed  
P240: Ground/bond container and receiving equipment  
P241: Use explosion-proof electrical/ventilating/lighting/equipment  
P242: Use only non-sparking tools  
P243: Take precautionary measures against static charge  
P261: Avoid breathing dust/fumes/gas/mist/spray  
P264: Wash thoroughly after handling  
P271: Use only outdoors or in a well-ventilated area  
P272: Contaminated work clothing should not be allowed out of the workplace  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
P321: Specific treatment (see SECTION 4)

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P362: Take off contaminated clothing and wash before reuse  
P302+352: IF ON SKIN: Wash with soap and water  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P370+378: In case of fire: Use suitable extinguishing media for extinction (SEE SECTION 5)  
P403+233: Store in a well ventilated place. Keep container tightly closed  
P403+235: Store in a well ventilated place. Keep cool  
P405: Store locked up  
P501: Dispose of contents/container in accordance with local, state and federal authorities.

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	CAS #	%
propylene glycol monomethyl ether	107-98-2	90 - 99
Orange Terpenes	5989-27-5	1 - 10

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing Use artificial respiration and oxygen if needed. Consult a physician.  
First-aid measures after skin contact : IF ON SKIN: Immediately rinse with plenty of water (for at least 15 minutes). If irritation persists, seek medical attention.  
First-aid measures after eye contact : IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, seek medical attention.  
First-aid measures after ingestion : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Seek medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Prolonged exposure may cause skin cracking and dermatitis in sensitive individuals. May cause eye irritation  
Symptoms/injuries after inhalation : May cause headache, nausea and irritation of respiratory tract.  
Symptoms/injuries after skin contact : Causes skin irritation. May cause allergic skin reaction. Slight skin absorption; no toxic effects likely by this route.  
Symptoms/injuries after eye contact : May cause eye irritation.  
Symptoms/injuries after ingestion : May cause gastrointestinal irritation, nausea, vomiting, and diarrhea if swallowed.  
Chronic symptoms : No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

suitable extinguishing media : Alcohol-resistant foam. Carbon dioxide. Dry powder. Water spray.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flash Point 88 F (Closed Cup).  
Explosion hazard : Product is not explosive.  
Reactivity : No dangerous reactions known under normal conditions of use.

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### 5.3. Advice for firefighters

- Firefighting instructions : Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Approved supplied-air respirator, in case of emergency. Wear suitable protective clothing, gloves and eye or face protection.

### 6.2. Environmental precautions

- Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

### 6.4. Reference to other sections

- No additionnel information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks and open flame. Use proper grounding and bonding. Store in cool well ventilated area. Keep container closed when not in use. Use only with adequate ventilation. Wear proper safety equipment including chemically resistant gloves and safety glasses or goggles. Wash thoroughly after handling. Do not breathe mist or vapor. Do not get in eyes. Avoid contact with skin. Do not swallow.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : heat sources. Keep container tightly closed.

### 7.3. Specific end use(s)

- No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No OSHA and ACGIH PEL's or TLV's for the listed ingredients of this product unless stated below:

propylene glycol monomethyl ether, CAS# 107-98-2			
OSHA PEL (TWA) ppm - if units not stated	OSHA PEL (STEL) ppm - if units not stated	OSHA PEL (Ceiling) ppm - if units not stated	ACGIH-TLV
Not Established	Not Established	Not Established	100 ppm

### 8.2. Exposure controls

- Personal protective equipment : Face shield. Gloves. Protective clothing. Protective goggles. Respiratory protection of the dependent type.
- Hand protection : Chemical resistant gloves.
- Eye protection : Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
- Skin and body protection : Wear long sleeves. Wear suitable protective clothing.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection. If handling results in dust, mist, or aerosols, special ventilation may be required to avoid exceeding exposure limits for nuisance or oil mist particles.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear Liquid.
Color	: No data available
Odor	: Solvent.
Odor Threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 88 F (Closed Cup).
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.85 @ 25 °C
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Sparks. Heat. Open flame. Sun Light.

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides. Aldehydes. Ketones. Organic acids.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Oral LD50: > 2000 mg/kg (rat) Calculated  
Dermal LD50: > 2000 mg/kg (rabbit) Calculated  
Inhalation LC50: > 5 mg/l (Dust/Mist-rat) Calculated

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: May cause eye irritation and damage.
Respiratory or skin sensitization	: May cause skin irritation and sensitization.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Specific target organ toxin, narcotic effect.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: See SECTION 4
Symptoms/injuries after skin contact	: See SECTION 4.
Symptoms/injuries after eye contact	: See SECTION 4
Symptoms/injuries after ingestion	: See SECTION 4.
Chronic symptoms	: No data available.
Notes:	No data available.

### SECTION 12: Ecological information

- 12.1. Toxicity**  
No Data
- 12.2. Persistence and degradability**  
No Data
- 12.3. Bioaccumulative potential**  
No Data
- 12.4. Mobility in soil**  
No Data
- 12.5. Other adverse effects**  
No Data

### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods**  
Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
- Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

### SECTION 14: Transport information

**14.1. UN number, proper shipping name, class and packaging group.:**

Domestic Ground Shipments

Proper Shipping Name: Flammable Liquid NOS (1-Methoxy-2 Propanol)  
Hazard Class: 3  
ID Number: UN 1993  
Packing Group: II  
Label Requirements: Flammable Liquid

**14.2. Additional information**

### SECTION 15: Regulatory information

**15.1. US Federal regulations**

**TSCA Inventory:** The components of this product are listed.

**SARA Section 311/312, Hazard Category (40CFR 370.2):** Acute and chronic health hazard, Fire hazard.

**SARA Section 313, Toxic Release Reporting (40CFR Part372):** propylene glycol monomethyl ether, CAS# 107-98-2, 90 - 99% by wt.

**SARA Section 302, EHS Emergency Planning (40CFR Part 355):** No listed substance known over 1.0%.

**SARA Section 304, EHS Release Reporting (40CFR Part 355):** No listed substance known over 1.0%.

**CERCLA Section 102-103 HS Release Reporting (40 CFR par302-102a):** No listed substance known over 1.0%.

**15.2. International regulations**

No Data

**15.2.2. National regulations**

No Data

**15.3. US State regulations**

**California Prop. 65:**

No listed substances known to be present

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<b>SECTION 16: Other information</b>
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Other information	:	None.
NFPA health hazard	:	2
NFPA fire hazard	:	3
NFPA reactivity	:	0
<b>HMIS III Rating</b>		
Health	:	2
Flammability	:	3
Physical	:	0
Personal Protection	:	

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