

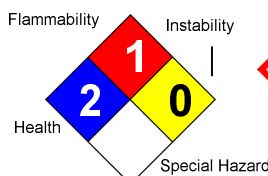
# SAFETY DATA SHEET

## PE-121, Paraffin and Emulsion Breaker

Page: 1  
Printed: 03/21/2014  
Revision: 10/12/2012

Pumping Jack Chemicals, Inc.  
35203 E. 114th  
Earlsboro, OK 74840

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	1
<b>PHYSICAL...</b>	0
<b>PPE</b>	H



### 1. Product and Company Identification

**Product Code:** PE-121  
**Product Name:** PE-121, Paraffin and Emulsion Breaker  
**Trade Name:** Paraffin and Emulsion Breaker  
**Manufacturer Information**  
**Company Name:** Pumping Jack Chemicals, Inc.  
**Phone Number:** (405)382-7930  
**Fax Number:** (405)382-1787  
**Emergency Contact:** Mike Atchley (405)659-0379  
**Alternate Emergency Contact:** Dawn Elder (405)659-1209  
**Email address:** pjc1521@yahoo.com

### 2. Hazards Identification

GHS Classification	Placard	Key word	GHS hazard phrase
Aspiration Toxicity, Category 1	Health hazard	Danger	May be fatal if swallowed and enters airways.
Serious Eye Damage/Eye Irritation, Category 2A	Exclamation point	Warning	Causes serious eye irritation

#### GHS Hazard Phrases

- H304: May be fatal if swallowed and enters airways
- H319: Causes serious eye irritation
- H335: May cause respiratory irritation.
- H315: Causes skin irritation.
- H332: Harmful if inhaled.
- H373: May cause damage to {organs} through prolonged or repeated exposure.

#### GHS Precaution Phrases

- P233: Keep container tightly closed.
- P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.
- P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.
- P264: Wash hands thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P281: Use personal protective equipment as required.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.

#### GHS Response Phrases

- P331: Do NOT induce vomiting.
- P370+378: In case of fire, use ... for extinction ... appropriate media specified by the manufacturer/supplier or the competent authority - if water increases risk.
- P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+313: If eye irritation persists, get medical advice/attention.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
- P321: Specific treatment (see ... on this label) ... reference to supplemental first aid instruction - if

immediate administration of antidote is required.  
P332+313: If skin irritation occurs, get medical advice/attention.  
P362: Take off contaminated clothing and wash before re-use.  
P308+313: IF exposed or concerned: Get medical attention/advice.  
P314: Get medical attention/advice if you feel unwell.

#### **GHS Storage and Disposal Phrases**

P501: Dispose of contents/container to ... (in accordance with local/regional/national/international regulation).  
P403+235: Store in cool/well-ventilated place.  
P403+233: Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.

#### **Potential Health Effects (Acute and Chronic)**

Eye: Will cause eye irritation. Skin. Will cause skin irritation. Ingestion: May cause irritation of the digestive tract. Inhalation: May cause irritation of the respiratory tract. Chronic: No information found.

#### **Inhalation**

May cause respiratory irritation.

#### **Skin Contact**

Causes skin burns. Causes skin irritation.

#### **Eye Contact**

Causes severe eye irritation.

#### **Ingestion**

May cause abdominal discomfort.

#### **Medical Conditions Generally Aggravated By Exposure**

None known

#### **OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

### **3. Composition/Information on Ingredients**

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Solvent naphtha medium aliphatic	64742-88-7	25.4 %
2. Isopropyl alcohol	67-63-0	0.5 %
3. Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	52624-57-4	1.2 %
4. Phenol, p-tert-butyl-, polymer with ethylene oxide, formaldehyde and propylene	30704-64-4	1.75 %
5. Glycol Ethers	NA	2.15 %
6. Methyl isobutyl ketone	108-10-1	18.0 %
7. Toluene	108-88-3	33.0 %
8. Mixed Xylenes /Aliphatic Naptha solvent/Mineral Sprits	NA	18.0 %

### **4. First Aid Measures**

#### **Emergency and First Aid Procedures**

##### **In Case of Inhalation**

Carry victim to fresh air and seek medical attention.

##### **In Case of Skin Contact**

Remove contaminated clothing. Wash skin with soap and water.

##### **In Case of Eye Contact**

Flush eyes with water for 15 minutes. Seek medical attention.

##### **In Case of Ingestion**

If patient is conscious, give 2 glasses of water, do not induce vomiting. : If patient is unconscious, seek medical attention.

**Note to Physician**

Treat symptomatically and supportively.

**Signs and Symptoms Of Exposure**

None known.

**5. Fire Fighting Measures**

**Flash Pt:** > 100.00 F Method Used: TAG Closed Cup

**Explosive Limits:** LEL: N/D UEL: N/D

**Autoignition Pt:** > 480.00 C

**Fire Fighting Instructions**

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Flammable Properties and Hazards**

Vapors may travel to source of ignition and flash back. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

**Hazardous Combustion Products**

Carbon Dioxide and Carbon Monoxide

**Suitable Extinguishing Media**

Use dry chemical, powder, CO2 and Halon, water spray or fog.

**Unsuitable Extinguishing Media**

None Known.

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled**

Use proper personal protective equipment as indicated in Section {8}. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

**Protective Precautions, Protective Equipment and Emergency Procedures**

Safety glasses Rubber or neoprene gloves Eye wash station in work area Wash hands after use. Do not smoke. Launder contaminated clothing.

**Environmental Precautions**

Immediately contain spills with inert material, and absorb with sand or other absorbent.

**7. Handling and Storage**

**Precautions To Be Taken in Handling**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Precautions To Be Taken in Storing**

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not reuse this container.

**Other Precautions**

Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

**8. Exposure Controls/Personal Protection**

Hazardous Components (Chemical Name)	CAS #	OSHA TWA	ACGIH TWA	Other Limits
1. Solvent naphtha medium aliphatic	64742-88-7	No data.	No data.	No data.
2. Isopropyl alcohol	67-63-0	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.

# SAFETY DATA SHEET

## PE-121, Paraffin and Emulsion Breaker

Page: 4  
Printed: 03/21/2014  
Revision: 10/12/2012

Hazardous Components (Chemical Name)	CAS #	OSHA TWA	ACGIH TWA	Other Limits
3. Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	52624-57-4	No data.	No data.	No data.
4. Phenol, p-tert-butyl-, polymer with ethylene oxide, formaldehyde and propylene	30704-64-4	No data.	No data.	No data.
5. Glycol Ethers	NA	No data.	No data.	No data.
6. Methyl isobutyl ketone	108-10-1	PEL: 100 ppm	TLV: 50 ppm STEL: 75 ppm	No data.
7. Toluene	108-88-3	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
8. Mixed Xylenes /Aliphatic Naptha solvent/Mineral Sprits	NA	No data.	No data.	No data.

### Respiratory Equipment (Specify Type)

Follow the OSHA respirator regulations found in {29} CFR {1910.134} or European Standard EN {149}.  
Use a NIOSH/MSHA or European Standard EN {149} approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Eye Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {29} CFR {1910.133} or European Standard EN166.

### Protective Gloves

Wear appropriate protective gloves to prevent skin exposure.

### Other Protective Clothing

Wear appropriate protective clothing to prevent skin exposure.

### Engineering Controls (Ventilation etc.)

Use adequate ventilation to keep airborne concentrations low.

### Work/Hygienic/Maintenance Practices

Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

### Environmental Exposure Controls

Use with adequate ventilation.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [X] Liquid [ ] Solid
<b>Melting Point:</b>	<= 20.00 C
<b>Boiling Point:</b>	320.00 F - 475.00 F
<b>Autoignition Pt:</b>	> 480.00 C
<b>Flash Pt:</b>	> 100.00 F Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: N/D UEL: N/D
<b>Specific Gravity (Water = 1):</b>	.88 - .89
<b>Vapor Pressure (vs. Air or mm Hg):</b>	< 1.0
<b>Vapor Density (vs. Air = 1):</b>	4.5
<b>Evaporation Rate:</b>	NA
<b>Solubility in Water:</b>	No data.
<b>Solubility Notes</b>	Negligible in water
<b>Percent Volatile:</b>	N.A.
<b>Appearance and Odor</b>	Reddish Liquid hydrocarbon-like

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

Stable as supplied.

**Incompatibility - Materials To Avoid**

Strong acids, Strong oxidants, Sources of ignition.

**Hazardous Decomposition Or Byproducts**

Carbon Monoxide and Carbon Dioxide

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions**

None known.

## 11. Toxicological Information

**Toxicological Information**

Route of Exposure: Skin - May cause skin irritation. Skin absorption - May be harmful if absorbed through skin. Eye contact - May cause eye irritation. Inhalation - Harmful if swallowed.

**Chronic Toxicological Effects**

None known.

**Irritation or Corrosion**

Ocular

**Symptoms related to Toxicological Characteristics**

Moderate eye irritation Moderate irritation effect. Moderate skin irritation

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Solvent naphtha medium aliphatic	64742-88-7	n.a.	n.a.	n.a.	n.a.
2. Isopropyl alcohol	67-63-0	n.a.	3	A4	n.a.
3. Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	52624-57-4	n.a.	n.a.	n.a.	n.a.
4. Phenol, p-tert-butyl-, polymer with ethylene oxide, formaldehyde and propylene	30704-64-4	n.a.	n.a.	n.a.	n.a.
5. Glycol Ethers	NA	n.a.	n.a.	n.a.	n.a.
6. Methyl isobutyl ketone	108-10-1	n.a.	2B	n.a.	n.a.
7. Toluene	108-88-3	n.a.	3	A4	n.a.
8. Mixed Xylenes /Aliphatic Naptha solvent/Mineral Sprits	NA	No	No	No	No

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. Ecological Information

**General Ecological Information**

Biodegradation - Material expected to be readily biodegradable. Hydrolysis - Material transformation to Hydrolysis not expected to be significant. Photolysis - Material transformation due to Photolysis not expected to be significant. Atmospheric Oxidation - Material expected to degrade rapidly in air. .

## 13. Disposal Considerations

**Waste Disposal Method**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {40} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport Information

### LAND TRANSPORT (US DOT)

<b>DOT Proper Shipping Name</b>	Petroleum distillates, n.o.s. [or] Petroleum products, n.o.s.
<b>DOT Hazard Class:</b>	3
<b>DOT Hazard Label:</b>	COMBUSTIBLE LIQUID
<b>UN/NA Number:</b>	UN1268
<b>Packing Group:</b>	III
<b>Precautionary Label</b>	CAUTION!

### Additional Transport Information

DOT not regulated in containers of less than 118.9 gallons.

## 15. Regulatory Information

### Regulatory Information

OSHA hazardous OSHA 29 CFR-19/00/200. EPCRA no. CERCLA no. CWA/OPA=Oil. SARA (311/312=Fire) Immediate Health. SARA (313) 4,545.45 LBS

## 16. Other Information

For industrial use only. All information appearing herein is based on data obtained from recognized technical sources. While the information is believed to be accurate, Pumping Jack Chemicals makes no representations as to its accuracy or its sufficiency. Conditions of use are beyond our control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their purpose and they assume all risks of their use, handling, and disposal of the product are from the publication or use of or reliance upon information contained herein.

**Revision Date:** 10/12/2012