

# SAFETY DATA SHEET

## SR Scale Remover

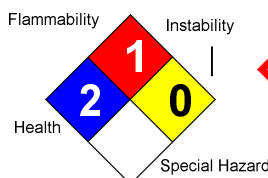
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Pumping Jack Chemicals, Inc.  
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Earlsboro, OK 74840

HEALTH		2
FLAMMABILITY		1
PHYSICAL...		0
PPE		B



## 1. Product and Company Identification

**Product Code:** SR  
**Product Name:** SR Scale Remover  
**Trade Name:** Scale Remover  
**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
Skin Corrosion/Irritation, Category 1A	Corrosive	Danger	Causes severe skin burns and eye damage
Target Organ Systemic Toxicity (repeated exposure), Category 2	Health hazard	Warning	May cause damage to {organs} through prolonged or repeated exposure.

### GHS Hazard Phrases

H314: Causes severe skin burns and eye damage.  
H373: May cause damage to {organs} through prolonged or repeated exposure.  
H370: Causes damage to organs {}

### GHS Precaution Phrases

P233: Keep container tightly closed.  
- No smoking.  
P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

### GHS Response Phrases

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P321: Specific treatment (see ... on this label) ... reference to supplemental first aid instruction - if immediate administration of antidote is required.  
P314: Get medical attention/advice if you feel unwell.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P330: Rinse mouth.  
P361: Remove/Take off immediately all contaminated clothing.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.

### GHS Storage and Disposal Phrases

P403+235: Store in cool/well-ventilated place.

P501: Dispose of contents/container to ... (in accordance with local/regional/national/international regulation). Store in corrosive resistant/... container with a resistant inliner. ... other compatible materials specified by the manufacturer/supplier or the competent authority. 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)

Can cause severe injury (reddening and swelling). Causes respiratory tract irritation.

### Inhalation

May cause irritation of the respiratory tract.

### Skin Contact

Irritating Can cause chemical burn.

### 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. Acetic acid	64-19-7	15.0 %
2. Other Organic Acids, Mixture	NA	36.0 %
3. Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphenyl)-.omega.-hydr	9016-45-9	8.0 %
4. Methanol	67-56-1	10.0 %

## 4. First Aid Measures

### Emergency and First Aid Procedures

Eyes: Flush eyes with plenty of water for at least {15} minutes, occasionally lifting the upper and lower eyelids. Skin: Get medical aid. Remove contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give {2-4} cupfuls of milk or water. Never give anything by mouth to an unconscious person. Inhalation: Remove from exposure and move to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

### In Case of Inhalation

Remove victim to fresh air. Get medical advice/attention.

### In Case of Skin Contact

Remove contaminated clothing. Wash skin with soap and water.

### In Case of Eye Contact

Flush eyes with plenty of water for at least {15} minutes, occasionally lifting the upper and lower eyelids.

### In Case of Ingestion

Wash out mouth with water provided person is conscious. Call a physician immediately.

### Note to Physician

Treat symptomatically and supportively.

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

Wash with soap and water.

### Signs and Symptoms Of Exposure

Repeated skin contact may cause dermatitis. Gastrointestinal disturbances. Eyes will be irritated upon contact.

## 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F Method Used: TAG Closed Cup  
**Explosive Limits:** LEL: NP UEL: NP  
**Autoignition Pt:** > 500.00 C

### Fire Fighting Instructions

Wear appropriate protective clothing to prevent contact with skin and eyes. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

### Flammable Properties and Hazards

Will not burn under normal conditions. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.

### Hazardous Combustion Products

Carbon Dioxide and Carbon Monoxide

### Suitable Extinguishing Media

Dry chemical, CO2, alcohol-resistant foam or water spray. Material will not burn under normal conditions.

### Unsuitable Extinguishing Media

None known.

## 6. Accidental Release Measures

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

Flush area with flooding quantities of water. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Methods for cleaning up Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Cover with DRY earth, DRY sand or other non-combustible material.

### Protective Precautions, Protective Equipment and Emergency Procedures

Goggles

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not breathe dust.

### Precautions To Be Taken in Storing

Keep container closed. Keep away from heat and open flame. Do not store in metal containers. Do not reuse this container.

### Other Precautions

Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

## 8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TWA	Other Limits
1. Acetic acid	64-19-7	PEL: 10 ppm	TLV: 10 ppm STEL: 15 ppm	No data.
2. Other Organic Acids, Mixture	NA	No data.	No data.	No data.
3. Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphenyl)-.omega.-hydr	9016-45-9	No data.	No data.	No data.
4. Methanol	67-56-1	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.

### Respiratory Equipment (Specify Type)

None expected to be needed.

### Eye Protection

Splash proof safety goggles

### 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.)**

Safety shower and eye bath. Use with adequate ventilation.

**Work/Hygienic/Maintenance Practices**

Wash thoroughly after handling. Do not smoke while handling.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Freezing Point:</b>	>= 0.00 F		
<b>Boiling Point:</b>	> 300.00 F		
<b>Autoignition Pt:</b>	> 500.00 C		
<b>Flash Pt:</b>	> 200.00 F	Method Used: TAG Closed Cup	
<b>Explosive Limits:</b>	LEL: NP	UEL: NP	
<b>Specific Gravity (Water = 1):</b>	1.05		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	< .01		
<b>Vapor Density (vs. Air = 1):</b>	> 1.		
<b>Evaporation Rate:</b>	> 1.0		
<b>Solubility in Water:</b>	Complete		
<b>Solubility Notes</b>	Completely soluble in water.		
<b>Percent Volatile:</b>	No data.		
<b>pH:</b>	< 2.0		
<b>Appearance and Odor</b>	Amber Liquid Acid-like		

**10. Stability and Reactivity**

<b>Stability:</b>	Unstable [ ]	Stable [ X ]
<b>Reactivity</b>	Mixing Alkaline substances with material will cause a strong reaction.	
<b>Conditions To Avoid - Instability</b>	Stable as supplied.	
<b>Incompatibility - Materials To Avoid</b>	Mixing Alkaline substances with material will cause a strong reaction. Alkali metals, Oxidizing agents,	
<b>Hazardous Decomposition Or Byproducts</b>	Carbon Dioxide and Carbon Monoxide, Excess heat.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]	Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions</b>	No data available.	

**11. Toxicological Information**

**Toxicological Information**

Inhalation will cause severe irritation and burns with coughing and choking. Prolonged exposure may cause erosion of teeth. Contact with eyes causes severe irritation and possible burns. Skin contact may cause corrosion of tissue. Ingestion may cause immediate burns.

**Chronic Toxicological Effects**

None known.

**Irritation or Corrosion**

Ocular

**Symptoms related to Toxicological Characteristics**

Ingestion may cause intense pain, nausea, vomiting and bleeding.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Acetic acid	64-19-7	n.a.	n.a.	n.a.	n.a.
2. Other Organic Acids, Mixture	NA	n.a.	n.a.	n.a.	n.a.
3. Poly(oxy-1,2-ethanediy), .alpha.- (nonylphenyl)-.omega.-hydr	9016-45-9	n.a.	n.a.	n.a.	n.a.
4. Methanol	67-56-1	n.a.	n.a.	n.a.	n.a.

**12. Ecological Information****General Ecological Information**

This material is not believed to persist in the environment and is believed to exist in a disassociated state. The material will dissolve some soil material and become neutralized. If released to water, it disassociates almost completely.

**Persistence and Degradability**

The material will dissolve some soil material and become neutralized, it disassociates almost completely.

**Mobility in Soil**

When spilled on soil, the liquid will spread on the surface and penetrate into the soil at a rate dependent on the soil type and its water content.

**13. Disposal Considerations****Waste Disposal Method**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**14. Transport Information****LAND TRANSPORT (US DOT)**

**Packing Group:** III

**Additional Transport Information**

This product is not regulated by the DOT in non-bulk shipments in amounts below 378 gallons in a single container (Acetic Acid).

**15. Regulatory Information****Regulatory Information**

US Regulations: Considered hazardous by the OSHA hazard communication standard. OSHA process safety (PSM) not regulated. TSCA all components are listed or exempt.

**16. Other Information**

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:** 10/25/2012