

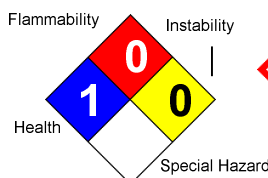
SAFETY DATA SHEET

CI-1010

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

HEALTH		1
FLAMMABILITY		0
PHYSICAL...		0
PPE		B



1. Product and Company Identification

Product Code: CI-1010
Product Name: CI-1010
Trade Name: CI-1010, Water Soluble Corrosion Inhibitor
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
Serious Eye Damage/Eye Irritation, Category 2A	Exclamation point	Warning	Causes serious eye irritation

GHS Hazard Phrases

H319 - Causes serious eye irritation.

GHS Precaution Phrases

P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases

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.

GHS Storage and Disposal Phrases

P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents/container to

Potential Health Effects (Acute and Chronic)

Eye: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation: Causes respiratory tract irritation. Chronic: No information found.

Inhalation

May cause respiratory irritation.

Skin Contact

May cause skin irritation.

Eye Contact

Causes serious eye irritation.

Ingestion

May cause irritation of the digestive tract.

Medical Conditions Generally Aggravated By Exposure

No medical conditions are known to be aggravated.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Methanol	67-56-1	34.0 %
2. N-Talbwalkyltrimethylenediamines	NA	25.0 %
3. Acetic acid	64-19-7	8.0 %

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. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing 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. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

In Case of Skin Contact

Flush with copious amounts of water for at least 15 minutes.
Call a physician.

In Case of Eye Contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

In Case of Ingestion

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

Note to Physician

Treat symptomatically and supportively.

Signs and Symptoms Of Exposure

Gastrointestinal disturbances.

Eyes will be irritated upon contact.

5. Fire Fighting Measures

Flash Pt: > -17.14 F Method Used: TAG Closed Cup

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

Autoignition Pt: No data available.

Fire Fighting Instructions

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards

Material will not burn under normal circumstances.

Suitable Extinguishing Media

Do NOT use water directly on fire. Use dry chemical, carbon dioxide, or alcohol-resistant foam. Do NOT get water inside containers.

Unsuitable Extinguishing Media

Product will foam when mixed with water.

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: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Do not get water inside containers.

Protective Precautions, Protective Equipment and Emergency Procedures

Goggles.

Environmental Precautions

Product will normally gel when exposed to air. Shovel up gel product.

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. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing

Store in a cool, dry place. Keep container closed when not in use. Store protected from moisture. Do not store in metal containers.

Other Precautions

Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Do not reuse this container.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Methanol	67-56-1	No data.	No data.	No data.
2. N-Talbwalkyltrimethylenediamines	NA	No data.	No data.	No data.
3. Acetic acid	64-19-7	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.)

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices

Wash thoroughly after handling. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Melting Point:	< 20.00 C - 0.00 C
Explosive Properties	
Material will not burn under normal circumstances.	
Boiling Point:	> -7.61 F - 118.00 C
Decomposition Temperature:	NP
Autoignition Pt:	No data.
Flash Pt:	> -17.14 F Method Used: TAG Closed Cup
Explosive Limits:	LEL: N/D UEL: N/D
Specific Gravity (Water = 1):	0.956
Density:	0.956 LB/GA
Bulk density:	NR
Vapor Pressure (vs. Air or mm Hg):	< 0.01 ATM
Vapor Density (vs. Air = 1):	> 1. LB/GA
Evaporation Rate:	>=0.01 (H2O=1)
Solubility in Water:	Complete
Solubility Notes	
Completely soluble in water.	
Percent Volatile:	N.A.
VOC / Volume:	NP
HAP / Volume:	NP
Saturated Vapor Concentration:	NE
Viscosity:	NE
Heat Value:	NR
Particle Size:	NR
Corrosion Rate:	NR
pH:	NR
Appearance and Odor	
Amber Liquid. Acetic odor.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability	
Stable as supplied.	
Incompatibility - Materials To Avoid	
Strong oxidizing agents, moisture (reacts with water), and strong acids.	
Hazardous Decomposition Or Byproducts	
Nitrogen oxides, Carbon monoxide, Carbon dioxide, nitrogen gas.	
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.

Irritation or Corrosion

Ocular.

Carcinogenicity/Other Information

CAS# 530-62-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Methanol	67-56-1	n.a.	n.a.	n.a.	n.a.
2. N-Talbwalkyltrimethylenediamines	NA	n.a.	n.a.	n.a.	n.a.
3. Acetic acid	64-19-7	n.a.	n.a.	n.a.	n.a.

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. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name	Cleaning Compound Not Regulated.
DOT Hazard Class:	9
DOT Hazard Label:	CLASS 9
Packing Group:	III

LAND TRANSPORT (Canadian TDG)

TDG Shipping Name	No information available.
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AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Shipping Name	Non-Hazardous for Air Transport: Non-hazardous for air transport.
Hazard Class:	9 - CLASS 9
Packing Group:	III

15. Regulatory Information

Regulatory Information

All chemical substances in this material do not exceed a reporting threshold under TSCA or SARA Section 302-304-311-313. This product is not regulated by the DOT in non-bulk shipments of amounts of less than 100,000 lbs (Methanol - IPA)

16. Other Information

Company Policy or Disclaimer

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.

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