SAFETY DATA SHEET
Slick 411

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Pumping Jack Chemicals, Inc.
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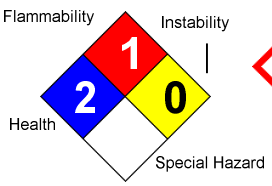
Earlsboro, OK 74840



1. Product and Company Identification

Product Code: SLICK 411
Product Name: Slick 411
Trade Name: Drilling Lubricant

Manufacturer Information

Company Name: Pumping Jack Chemicals, Inc.
Phone Number: (405)382-7930
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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

GHS Precaution Phrases

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.

GHS Response Phrases

P331: Do NOT induce vomiting.
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

P501: Dispose of contents/container to ... (in accordance with local/regional/national/international regulation).

Potential Health Effects (Acute and Chronic)

Will cause skin irritation. Will cause eye irritation.

Inhalation

May cause respiratory irritation.

Skin Contact

Causes skin burns.

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	54.0 %
2. Paraffin Oils / 2 / Butoxyethanol Reacted Mixture	NA	46.0 %

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: 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

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 eye with water for 15 minutes. Get medical attention.

In Case of Ingestion

If patient is conscious, give 2 glasses of water. Do not induce vomiting. If patient is unconscious, transport to nearest medical facility.

Note to Physician

Treat symptomatically and supportively.

Signs and Symptoms Of Exposure

Prolonged contact may result in absorption.

5. Fire Fighting Measures

Flash Pt: > 178.00 F Method Used: TAG Closed Cup

Explosive Limits: LEL: 0.9 UEL: 6.2

Autoignition Pt: > 479.00 C

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

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

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.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Solvent naphtha medium aliphatic	64742-88-7	No data.	No data.	No data.
2. Paraffin Oils / 2 / Butoxyethanol Reacted Mixture	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

Physical States: [ ] Gas [ ] Liquid [ ] Solid

Freezing Point: < 0.00 F

Boiling Point: > 600.00 F

Autoignition Pt: > 479.00 C

Flash Pt: > 178.00 F Method Used: TAG Closed Cup

Explosive Limits: LEL: 0.9 UEL: 6.2

Specific Gravity (Water = 1): .88 - .89

Vapor Pressure (vs. Air or mm Hg): N/A

Vapor Density (vs. Air = 1): N/A

Evaporation Rate: N/D

Solubility in Water: Dispersible

Solubility Notes

Dispersible in water.

Percent Volatile: N.A.

Appearance and Odor

Amber Liquid
Characteristic Hydrocarbon odor.

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Reactivity

Exposure to elevated temperatures may cause product to decompose.

Conditions To Avoid - Instability

Stable as supplied.

Incompatibility - Materials To Avoid

Oxidizing agents.

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.

Carcinogenicity/Other Information

CAS# {7785-70-8}: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

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. Paraffin Oils / 2 / Butoxyethanol Reacted Mixture	NA	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 {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name	Petroleum distillates, n.o.s. [or] Petroleum products, n.o.s.
DOT Hazard Class:	3
DOT Hazard Label:	COMBUSTIBLE LIQUID
UN/NA Number:	UN1268
Packing Group:	I
Precautionary Label	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 OSHA PEL 400 PPM, AGIH TWA 200 PPM, STIL 400 PPM

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. For industrial use only.

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