



**GENESIS FLUIDS LLC**

## **Safety Data Sheet Clean Lube™ (Genesis)**

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### **SECTION 1: Identification**

#### **1.1 GHS Product identifier**

Product name Clean Lube™ (Genesis)

#### **1.3 Recommended use of the chemical and restrictions on use**

Lubricant for drilling fluids

#### **1.4 Supplier's details**

Name Genesis Fluids LLC  
Address 9701 N. Broadway Ext.  
Oklahoma City OK 73114  
USA

Telephone (405) 840-0434  
email info@genesisfluids.com

#### **1.5 Emergency phone number**

CHEMTREC  
1-800-424-9300 / +1 703-527-3887 outside US

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### **SECTION 2: Hazard identification**

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

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

#### **2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

#### **2.3 Other hazards which do not result in classification**

Not a hazardous substance or mixture.

## **SECTION 3: Composition/information on ingredients**

### **3.2 Mixtures**

#### **Hazardous components**

##### **1. Proprietary surfactant**

Concentration 100 - 100 % (weight)

#### **Trade secret statement (OSHA 1910.1200(i))**

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

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## **SECTION 4: First-aid measures**

### **4.1 Description of necessary first-aid measures**

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause respiratory irritation.
In case of skin contact	Wash with water. Call a poison center or doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Personal protective equipment for first-aid responders	None needed.

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### 4.2 Most important symptoms/effects, acute and delayed

None noted.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

None noted.

### 5.3 Special protective actions for fire-fighters

Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

#### Further information

Use water spray to cool unopened containers. Spills produce extremely slippery surfaces.

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## SECTION 6: Accidental release measures

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

Warning: Do not touch or walk through spilled material. Spills can create very slippery surfaces. Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

### 6.2 Environmental precautions

Do not contaminate water

### 6.3 Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Surfaces are very slippery from this product. Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

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

Freezing will adversely affect the quality of the product. Store locked up. Keep away from heat and sources of ignition. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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### SECTION 8: Exposure controls/personal protection

#### 8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels at acceptable levels.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Risk of contact: Wear approved safety goggles.

##### Skin protection

Avoid contact with skin. If contact occurs, wash off with large amount of water as soon as possible.

##### Body protection

None required.

##### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits, wear an approved respirator.

##### Thermal hazards

None noted.

##### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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### SECTION 9: Physical and chemical properties and safety characteristics

#### Basic physical and chemical properties

Appearance	Milky brown liquid
Odor	Slight
Odor threshold	N/A
Melting point/freezing point	< 20 deg F
Boiling point or initial boiling point and boiling range	550 deg F / 290 deg C
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	390 deg F / 200 deg C
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	No data available.
Kinematic viscosity	50 cPs at 80 deg F (25 deg C)
Solubility	Miscible with water
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	< 0.5 mmHG at 120 deg F / 50 deg C
Evaporation rate	No data available.
Density and/or relative density	1.19
Relative vapor density	> 3 (air = 1)

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

#### 10.2 Chemical stability

Stable under normal storage conditions.

#### 10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

#### 10.5 Incompatible materials

Strong oxidizing agents.

#### 10.6 Hazardous decomposition products

Thermal decomposition may produce: nitrogen oxides, carbon oxides, sulfur oxides, hydrogen cyanide

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough and sneezing.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

##### Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

##### Serious eye damage/irritation

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

##### Respiratory or skin sensitization

Not sensitizing.

##### Germ cell mutagenicity

No data available.

##### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

##### Reproductive toxicity

Not toxic for reproduction.

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### STOT-single exposure

No known effects.

### STOT-repeated exposure

No known effects.

### Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard

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## SECTION 12: Ecological information

### Toxicity

No data available on product

### Persistence and degradability

No data available on product

### Bioaccumulative potential

No data available on product

### Mobility in soil

No data available on product

### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

#### Packaging disposal

Dispose of as unused product.

#### Waste treatment

No specific treatment is required.

#### Sewage disposal

Avoid disposal into drains, water courses or on the ground.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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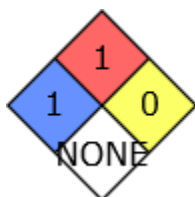
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### SECTION 15: Regulatory information

#### HMIS Rating

Clean Lube™ (Genesis)	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

#### NFPA Rating



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### SECTION 16: Other information

Issuing date: 04/13/2021  
Revision date: N/A  
Revision note: N/A  
Reason for revision: N/A

#### 16.1 Further information/disclaimer

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