

## SAFETY DATA SHEET

### CLAY-DRILL

Revision Date: 02-Mar-2023

Revision Number: 6

#### 1. Identification

##### Product identifier

**Product Name** CLAY-DRILL

##### Other means of identification

**Hazardous Material Number:** HM008265

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

**Recommended Use** Drilling Fluid

**Uses advised against** Consumer use

##### Supplier details

Halliburton Energy Services  
Av. Amazonas N37-29 y Villalengua Edif.,  
Quito, Ecuador

Halliburton Energy Services  
Carrera 7 No. 71-52, Floor 7, Torre B,  
Bogotá, Colombia

Halliburton Energy Services  
Avenida Principal De Santa Rita Sector  
Punta  
Santa Rita, WES, Venezuela

##### For further information, please contact:

**E-mail Address** fdunexchem@halliburton.com

##### Emergency Phone number

US/Canada: +1-760-476-3962

Peru: 5116 1867 77

Argentina: +54 11 5219 8871

Chile: +56 44 8905208

Colombia: +57 1 344 1317

Panama: +50 78 387596

Global Incident Response Access Code: 334305

Contract Number: 14012

#### 2. Hazards Identification

##### Classification of the hazardous chemical

##### Label Elements

##### Hazard Pictograms

**Signal Word:** None

**Hazard Statements** Not Classified

##### **Precautionary Statements**

**Prevention** None

**Response** None

**Storage** None  
**Disposal** None

**Contains Substances**

Contains no hazardous substances in concentrations above cut-off values according to the competent authority

**CAS Number**  
NA

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

None known

### 3. Composition/Information on Ingredients

**Product Classification:** Substance

Substances	CAS Number	PERCENT (w/w)	GHS Classification
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	60 - 100%	Not classified

The specific chemical identity of the composition has been withheld as proprietary.

### 4. First Aid Measures

**Description of first aid measures**

**Inhalation**

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Eyes**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**Skin**

Wash with soap and water. Get medical attention if irritation persists.

**Ingestion**

Rinse mouth with water many times. Get medical attention, if symptoms occur

**Most important symptoms and effects, both acute and delayed**

No significant hazards expected.

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

**Notes to Physician**

Treat symptomatically

### 5. Fire-fighting measures

**Suitable extinguishing media**

**Suitable Extinguishing Media**

All standard fire fighting media

**Extinguishing media which must not be used for safety reasons**

None known.

**Physicochemical hazards arising from the chemical**

**Special exposure hazards in a fire**

Decomposition in fire may produce harmful gases. Organic dust in the presence of an ignition source can be explosive in high concentrations. Good housekeeping practices are required to minimize this potential.

**Special protective equipment and precautions for fire fighters**

**Special protective equipment for firefighters**

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

### 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**



pH:	7-9 (5%)
Freezing Point / Range	No data available
Melting Point / Range	No data available
Pour Point / Range	No data available
Boiling Point / Range	103 °C / 219 °F
Flash Point	No data available
Evaporation rate	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	0.75 - 0.95
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No information available
Oxidizing Properties	No information available
<u>Other information</u>	
VOC Content (%)	8-13%
Bulk Density	48-55 lbs/ft3

## 10. Stability and Reactivity

### Reactivity

Not expected to be reactive.

### Chemical stability

Stable

### Possibility of hazardous reactions

Will Not Occur

### Conditions to avoid

Keep away from heat, sparks and flame.

### Incompatible materials

Strong oxidizers. Prolonged contact with aluminum. Contact with copper. Contact with iron.

### Hazardous decomposition products

Oxides of nitrogen. Ammonia. Carbon monoxide and carbon dioxide.

## 11. Toxicological Information

### Information on possible routes of exposure

**Principle Route of Exposure** Eye or skin contact, inhalation. Ingestion.

### Most Important Symptoms/Effects

No significant hazards expected.

### Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No data available	No data available	No data available

**Immediate, delayed and chronic health effects from exposure**

**Inhalation** May cause mild respiratory irritation.  
**Eye Contact** May cause mechanical irritation to eye.  
**Skin Contact** None known.  
**Ingestion** May cause abdominal pain, vomiting, nausea, and diarrhea.

**Chronic Effects/Carcinogenicity** No data available to indicate product or components present at greater than 0.1% are chronic health hazards.

**12. Ecological Information**

**Ecotoxicity**

**12.1. Toxicity**

**Ecotoxicity effects**

Product is not classified as hazardous to the environment.

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available	No information available	No information available	No information available

**Persistence and degradability**

Substances	CAS Number	Persistence and Degradability
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

**Bioaccumulative potential**

Substances	CAS Number	Bioaccumulation
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

**Mobility in soil**

Substances	CAS Number	Mobility
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

**Other adverse effects**

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

**13. Disposal Considerations**

**Disposal methods****Disposal methods**  
**Contaminated Packaging**Disposal should be made in accordance with federal, state, and local regulations.  
Follow all applicable national or local regulations.**14. Transport Information****Transportation Information**

<b>UN Number</b>	Not restricted
<b>UN proper shipping name:</b>	Not restricted
<b>Transport Hazard Class(es):</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Environmental Hazards:</b>	Not applicable

**IMDG/IMO**

<b>UN Number</b>	Not restricted
<b>UN proper shipping name:</b>	Not restricted
<b>Transport Hazard Class(es):</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Environmental Hazards:</b>	Not applicable

**IATA/ICAO**

<b>UN Number</b>	Not restricted
<b>UN proper shipping name:</b>	Not restricted
<b>Transport Hazard Class(es):</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Environmental Hazards:</b>	Not applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**Special precautions for user**

None

**15. Regulatory Information****International Agreements**

<b>Montreal Protocol - Ozone Depleting Substances:</b>	Does not apply.
<b>Stockholm Convention - Persistent Organic Pollutants:</b>	Does not apply
<b>Rotterdam Convention - Prior Informed Consent:</b>	Does not apply.
<b>Basel Convention - Hazardous Waste:</b>	Does not apply.

<b>NFPA Ratings:</b>	Health 0, Flammability 1, Reactivity 0
<b>HMIS Ratings:</b>	Health 0, Flammability 1, Physical Hazard 0 , PPE: B

**16. Other Information****Revision Date:** 02-Mar-2023**Revision Note**  
Update to Format**Key literature references and sources for data**[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)**Key or legend to abbreviations and acronyms used in the safety data sheet**

bw – body weight  
CAS – Chemical Abstracts Service  
EC10 – Effective Concentration 10%  
EC50 – Effective Concentration 50%  
EEC – European Economic Community

ErC50 – Effective Concentration growth rate 50%

IBC Code – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

LC50 – Lethal Concentration 50%

LD50 – Lethal Dose 50%

LL0 – Lethal Loading 0%

LL50 – Lethal Loading 50%

MARPOL – International Convention for the Prevention of Pollution from Ships

mg/kg – milligram/kilogram

mg/L – milligram/liter

NIOSH – National Institute for Occupational Safety and Health

NOEC – No Observed Effect Concentration

NTP – National Toxicology Program

OEL – Occupational Exposure Limit

PBT – Persistent Bioaccumulative and Toxic

PC – Chemical Product category

PEL – Permissible Exposure Limit

ppm – parts per million

PROC – Process category

STEL – Short Term Exposure Limit

h - hour

d - day

#### **Disclaimer Statement**

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

**End of Safety Data Sheet**