

## Drilling Paper

### SECTION 1. IDENTIFICATION

**Product Identifier** Drilling Paper  
**Other Means of Identification** Fluid Loss Control  
**Recommended Use** Drilling Fluid Additive.  
**Manufacturer** AES Drilling Fluids, LLC, 11767 Katy Freeway, Suite 230, Houston, TX, 77079, Sales & Information, 281-556-5628  
**Emergency Phone No.** AES Drilling Fluids, LLC, 1-888-556-4533  
**Date of Preparation** August 17, 2015

### SECTION 2. HAZARD IDENTIFICATION

**Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

**Other Hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

Chemical Name	CAS No.	%	Other Identifiers
Ground or Shredded Paper		N/A	Drill Paper

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If irritation persists, get medical advice/attention.

**Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical advice/attention.

**Ingestion**

Get medical advice or attention if you feel unwell or are concerned.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### Specific Hazards Arising from the Product

Combustible dust. May form combustible dust concentration in air.

### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary. Dust explosion hazard. Use water spray or fog to prevent dust formation and minimize risk of explosion. Firefighters should wear appropriate breathing apparatus and protective clothing. When fighting chemical fires, emergency responders should wear NIOSH approved self contained breathing apparatus and appropriate protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Avoid dust formation. Do not breathe vapours, mists, fumes or dust. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

No special precautions are necessary. Minimize dust during clean up. Eliminate sources of ignition in dusty conditions.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

### Other Information

Contact EH&S regarding spill as spills of certain products and certain quantities may require reporting to various authorities.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid dust formation. Avoid inhaling chemical or vapours. Wear personal protective equipment to avoid direct contact with this chemical.

### Conditions for Safe Storage

Store in an area that is: cool, dry.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. A suitable eyewash station should be within acceptable distance to the work area.

### Individual Protection Measures

#### Eye/Face Protection

Safety glasses or goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Suggest NIOSH approved dust mask or respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** White fine flakes.

**Odour** Odourless

**Odour Threshold** Not available

---

Product Identifier: Drilling Paper

Date of Preparation: August 17, 2015

Page 02 of 05

<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Insoluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Bulk Density</b>	Not available
<b>Critical Temperature</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

Product will not undergo hazardous polymerization.

### Conditions to Avoid

None known.

### Incompatible Materials

Strong Oxidizing Agents.

### Hazardous Decomposition Products

Carbon oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Skin Corrosion/Irritation

Not a skin irritant.

### Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

High dust levels may cause irritation of the respiratory tract, including sneezing and coughing.

#### Skin Absorption

Product Identifier: Drilling Paper  
Date of Preparation: August 17, 2015

No information was located.

**Ingestion**

May cause discomfort if swallowed. Nausea, vomiting.

**Aspiration Hazard**

No information was located.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

No information was located.

**Reproductive Toxicity**

**Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information was located.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

If released into the environment, this product can move slowly through the soil.

**Other Adverse Effects**

No known significant effects.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Bury in a licensed landfill or burn in an approved incinerator according to federal, provincial/state, and local regulations. Dispose of unused product in accordance with local environmental and public health regulations.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL or are not required to be listed.

## USA

### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or exempt from the TSCA.

### Additional USA Regulatory Lists

SARA Title III - Section 302: No listed components.

SARA Title III - Section 311/312: No listed components.

SARA Title III - Section 313: No listed components.

## SECTION 16. OTHER INFORMATION

**NFPA Rating**                      **Health - 0**    **Flammability - 0**                      **Instability - 0**

**SDS Prepared By**                      HSE Department

**Phone No.**                                      403-269-2800

**Date of Preparation**                      August 17, 2015

**Disclaimer**                                      Do not handle or use until precautions on MSDS are read and understood. The information on this form is furnished solely for the purpose of enabling those who transport, handle or use our products to ensure the safety and health of their employees and to comply with various laws and regulations (federal, state and local). We believe the statements, technical information and recommendations contained herein are reliable but, they are given without warranty or guarantee of any kind, express or implied and we assume no responsibility for any loss, damage, direct or consequential, arising out of their use.

---

Product Identifier:                      Drilling Paper

Date of Preparation:                      August 17, 2015

Page 05 of 05