



## SAFETY DATA SHEET

HydroForce

### Section: 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : HydroForce  
**Recommended use** : Drilling Fluid Additive  
**Restrictions on use** : None  
**Company** : Drillchem Drilling Solutions, LLC  
PO Box 132107  
Spring, TX 77393 USA  
Office: (281) 713-8941  
**Emergency telephone number** : (800) 424-9300 (24 Hours) CHEMTREC  
**Issuing date** : 09/22/2015

### Section: 2. HAZARDS IDENTIFICATION

#### GHS Label

This product is not classified as hazardous according to 29CFR 1910.1200.

### Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Pure substance/mixture** : Mixture

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Concentration: (%)</u>
Proprietary salt	Proprietary	*
Water	7732-18-5	*

### Section: 4. FIRST AID MEASURES

**In case of eye contact** : Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  
**In case of skin contact** : Wash with soap and water. Get medical attention if irritation develops or persists.  
**If swallowed** : Seek medical attention if you feel unwell.  
**If inhaled** : Remove to fresh air. If breathing is difficult seek medical attention.

### Section: 5. FIREFIGHTING MEASURES

**Flammable Class** : Not applicable  
**Extinguishing Media** : Water spray, CO2, Dry chemical, Foam.  
**Hazardous Combustion Products** : Oxides of carbon. Hydrogen chloride  
**Explosion Hazards** : None expected.  
**Fire Fighting Procedures** : Do not use a direct water stream as it may spread the fire.

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**Fire Fighting Equipment** : In case of fire, wear a full-face positive pressure self-contained breathing apparatus and protective suit.

**Sensitive to Static Discharge** : Not applicable

**Sensitive to Impact** : Not applicable

### Section: 6. ACCIDENTAL RELEASE MEASURES

**Small Spill** : Contain and soak up spill with absorbent material. Place residues in suitable, sealed and labeled container.

**Large Spill** : LARGE SPILLS: Shut off leak if safe to do so. Contain spill with inert, absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal.

#### Environmental precautions

**Water Spill** : Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers.

**General Procedures** : Use appropriate personal protective equipment.

### Section: 7. HANDLING AND STORAGE

**General Procedures** : Handle in accordance with good industrial hygiene and safety practices.

**Handling** : Do not get in eyes, on skin or clothing. Avoid breathing (dust, vapor, mist, gas)

**Storage** : Keep in container tightly closed in a dry, well-ventilated place.

### Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** : Use only in well-ventilated places.

#### Personal Protective Equipment

**Eyes and Face** : Wear Safety glasses with side shields (or goggles) or face shield.

**Skin** : Wear full protective clothing and chemical resistant gloves to prevent prolonged skin contact.

### Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

**Odor** : None

**Odor Threshold** : Not applicable

**Appearance** : Blue liquid

**pH** : 5.78

**Percent Volatile** : Not applicable

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<b>Flash Point and Method</b>	: >200°F
<b>Flammable Limits</b>	: 0 to 0
<b>Autoignition Temperature</b>	: Not applicable
<b>Vapor Pressure</b>	: Not available
<b>Vapor Density</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Freezing Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Pour Point</b>	: Not available
<b>Thermal Decomposition</b>	: Not available
<b>Solubility in Water</b>	: Soluble in water
<b>Partition Coefficient</b>	: Not available
<b>Evaporation Rate</b>	: Not available
<b>Density</b>	: 1.13 – 1.15 g/mL
<b>Specific Gravity</b>	: 1.13 – 1.15 at 20°C
<b>Viscosity</b>	: 3.94 cSt at 40°C

### Section: 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	: Yes
<b>Hazardous Polymerization</b>	: None expected.
<b>Conditions to avoid</b>	: None known.
<b>Possibility of Hazardous Reactions</b>	: None expected.
<b>Hazardous decomposition products</b>	: None
<b>Incompatible Materials</b>	: Strong oxidizers. Strong Lewis or miner acids. Alkaline materials.

### Section: 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity

<b>Dermal LD50</b>	: Not available
<b>Oral LD50</b>	: Not available
<b>Inhalation LC50</b>	: Not available
<b>Respiratory or Skin Sensitization</b>	: None Expected.
<b>Germ Cell Mutagenicity</b>	: None

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## Carcinogenicity

IARC : Not listed

NTP : Not listed

OSHA : Not listed.

Reproductive Toxicity : None Expected.

STOT-Single Exposure : None Expected

STOT-Repeated Exposure : None Expected.

## Section: 12. ECOLOGICAL INFORMATION

Environmental Data : No data available.

## Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods : Dispose of contents/container in accordance with local, state and federal regulations

## Section: 14. TRANSPORT INFORMATION

### DOT (Department of Transportation)

Proper Shipping Name: Not regulated for transport

### Road and Rail (ADR/RID)

Proper Shipping Name: Not regulated for transport

### AIR (ICOA/IATA)

Shipping Name: Not regulated for transport

### Vessel (IMO/IMDG)

Shipping Name: Not regulated for transport

### Canada Transport of Dangerous Goods

Shipping Name: Not regulated for transport

## Section: 15. REGULATORY INFORMATION

### United States

#### SARA Title III (Superfund Amendments and Reauthorization Act)

Fire: No      Pressure Generating: No      Reactivity: No      Acute: No      Chronic: No

#### 302/304 Emergency Planning

Emergency Plan: Not applicable

#### CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

CERCLA Regulatory: Not applicable

CERCLA RQ: Not applicable

### EPA

EPA RQ Ingredient: Not applicable

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## TSCA (Toxic Substances Control Act)

Chemical Name	CAS
Proprietary Salt	Proprietary

**TSCA Status:** All components listed or exempt.

## Clean Air Act

40 CFR Part 68---Risk Management for Chemical Accidental Release Prevention: Not applicable

## Occupational Safety and Health Administration (OSHA)

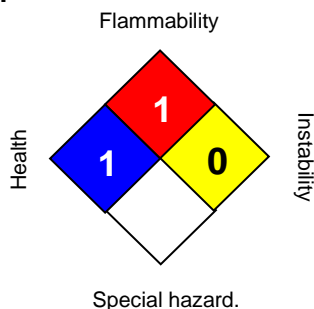
29 CFR 1910.119---Process Safety Management of Highly Hazardous Chemicals: Not applicable

**California Proposition 65:** Not applicable

**Carcinogen:** Not listed.

## Section: 16. OTHER INFORMATION

### NFPA:



### HMIS III:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 09/14/2017  
Version Number : 2.0

REVISED INFORMATION: Formatting

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.