



WYO-BEN, INC.

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: **WYO-VIS® DP**
Chemical Family: Water soluble polymer
Application: Drilling Fluid Additive

Manufacturer/Supplier: Wyo-Ben, Inc.
1345 Discovery Drive
Billings, MT 59102 USA
Telephone: 800.548.7055
Facsimile: 406.656.0748

Emergency Phone Number: CHEMTREC® 800.424.9300

SECTION 2 — HAZARD IDENTIFICATION

Hazard Classification: Not classified according to 29 CFR 1910.120 (d) and does not require a hazard warning label.
Signal Word: None
Hazard Statement: None
Hazard Symbol: None

Precautionary Statements

Prevention: None
Response: None
Storage: None
Disposal: None

Hazards Not Otherwise

Classified: Aqueous solutions or powders that become wet cause surfaces to become extremely slippery.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Contains no reportable hazardous substances.

SECTION 4 — FIRST AID MEASURES

Inhalation: If difficulties occur after dust has been inhaled, remove to fresh air. No hazards that require special first aid measures.

Skin: Wash thoroughly with soap and plenty of water. If irritation develops and persists seek medical attention.

Eyes: Rinse immediately with plenty of water for at least 15 minutes with eyelids held open. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. No hazards which require special first aid measures.

Most important symptoms and effects, both acute and delayed

None

Indication of any immediate medical attention and special treatment needed

None reasonably foreseeable.

Other information

Aqueous solutions or powders that become wet cause surfaces to become extremely slippery.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Fire Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical or carbon-dioxide.

Unsuitable Extinguishing Media: None

Special Exposure Hazards: CAUTION! extremely slippery when wet.

Thermal Decomposition Products: Oxides of carbon and nitrogen; Hydrogen cyanide may be produced in the event of combustion in an oxygen deficit atmosphere.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus (SCBA)

NFPA Rating: Health 0, Flammability 0, Reactivity 0, PPE Code B

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate PPE (see Sec. 8).

Environmental Precautionary Measures: Do not allow product to contaminate drains or surface water systems.

Procedure for Cleaning/Absorption: Clean up promptly by sweeping or vacuum. Keep in suitable appliance or suitable container for disposal. After cleaning, flush away traces with water.

Further information: CAUTION! extremely slippery when wet.

SECTION 7 — HANDLING AND STORAGE

Handling

General advice: Handle in accordance with good industrial hygiene and safety practice. Aqueous solutions cause surfaces to become extremely slippery.

Storage

General advice: Store in unopened original containers in a cool and dry place. Keep container closed when not in use. Incompatible with oxidizing agents

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: None

Exposure controls: Use local exhaust if dusting occurs. Natural ventilation is adequate in the absence of dust.

Personal protective equipment

Respiratory protection:	No personal protective equipment normally required. Dust safety masks recommended where working dust concentration is more than 10 mg/m ³ .
Hand protection:	Chemical resistant protective gloves
Eye/face protection:	Safety glasses with side-shields.
Skin and Body protection:	Work clothes protecting arms, legs and body.
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls:	Do not allow uncontrolled discharge of product into the environment. Do not allow to enter surface waters,.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granular solid
Color:	White
Odor:	odorless
pH:	5-9 (0.5% aqueous solution)
Specific Gravity @ 20 C (Water=1):	No data available
Bulk Density @ 20 C (KG/M ³):	600 - 900
Boiling Point/Range (F/C):	Not applicable
Melting Point/Range (F/C):	<302 / 150
Vapor Pressure @ 20 C (mmHg):	Not applicable
Vapor Density (Air=1):	Not applicable
Percent Volatiles:	Not applicable
Evaporation Rate (Butyl Acetate=1):	Not applicable
Solubility in Water (g/100ml):	Soluble
Solubility in Solvents (g/100ml):	Not determined
Decomposition Temperature:	>150C
Partition Coefficient:	-2
Flash Point/Range (F/C):	Not applicable
Autoignition Temperature (F/C):	Not applicable – does not autoignite (based on the chemical structure).
Explosive properties:	Kst = 0 Non-flammable to ignition sources of less than 2.5kJ

SECTION 10 — STABILITY AND REACTIVITY

Reactivity:	None known
Stability Data:	Stable under normal conditions
Hazardous Reactions:	Oxidizing agents may cause exothermic reactions.
Conditions to Avoid:	None known.
Incompatibility (Materials to Avoid):	Oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce oxides of carbon (COx) and nitrogen (NOx); Hydrogen cyanide may be produced if oxygen is deficient.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50/Rat/> 5000 mg/kg
Acute Dermal Toxicity:	LD50/Rat/> 5000 mg/kg
Acute Inhalation Toxicity:	Product is not expected to be toxic by inhalation.
Skin Corrosion / Irritation:	Non-irritating.
Serious Eye Damage / Irritation:	Not irritating
Respiratory / Skin Sensitization:	Not sensitizing.
Mutagenicity:	Not mutagenic
Carcinogenicity:	Not carcinogenic
Reproductive Toxicity:	Not a reproductive toxin.
STOT – single exposure:	No known effects
STOT – repeated exposure:	No known effects
Aspiration Hazard:	No hazards from the material as supplied.

SECTION 12 — ECOLOGICAL INFORMATION

Toxicity

Acute Fish Toxicity:	LC50/ Oncorhynchus mykiss /96 hours > 100 mg/l (OECD 203)
Acute Daphnia Toxicity:	EC50/Daphnia magna (Water Flea)/48 hours > 100 mg/l (OECD 202)
Acute Algae Toxicity:	IC50/Scenedesmus subspicatus/72 hours > 100 mg/L (OECD 201)
Chronic toxicity to fish:	No data available
Chronic toxicity to invertebrates:	No data available
Toxicity to microorganisms:	No data available
Effects on terrestrial organisms:	No known effects
Sediment toxicity:	No data available

Persistence/Degradability

Degradation:	Not readily biodegradable.
Hydrolysis:	Does not hydrolyze.
Photolysis:	No data available.

Bioaccumulative potential

Non-bioaccumulating	
Partition coefficient (log Pow):	-2
Bioconcentration factor (BCF):	~0

Mobility in soil:	Not determined.
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SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Method:	Landfill or incinerate in accordance with federal, state and local regulations.
Contaminated Packaging:	Rinse empty containers with water and use the rinse water to prepare additional working solutions. Can be landfilled or incinerated, in compliance with local, state and federal regulations.

SECTION 14 — TRANSPORT INFORMATION

Land Transportation

DOT – Not classified

Canadian TDG – Not classified

Air Transportation

ICAO/IATA – Not classified

Sea Transportation

IMDG – Not classified

SECTION 15 — REGULATORY INFORMATION

US Regulations

US TSCA Inventory	All components are either listed on the inventory or are exempt from listing.
EPA SARA Title III Extremely Hazardous Substances	Not applicable, non-hazardous
EPA SARA (311, 312) Hazard Class	Not applicable, Non-hazardous
EPA RCRA Hazardous Waste Classification	Not considered a hazardous waste as defined by 40 CFR 261.
California Proposition 65:	WARNING! This product contains a chemical which is known to the State of California to cause cancer, birth defects or other reproductive harm. Acrylamide.

SECTION 16 — OTHER INFORMATION

Prepared 3/20/2015

Last Revision 8/31/2015

DISCLAIMER

All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances. No warranty or guarantee, expressed or implied is made by WYO-BEN, INC. as to this information, or as to the safety, toxicity or effect of the use of this product.