



WYO-BEN, INC.

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: **DRILL-X™ HP**
Chemical Family: Surfactant
Application: Drilling detergent and wetting agent

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

Emergency Phone Number CHEMTREC® 1.800.424.9300

SECTION 2 — HAZARD IDENTIFICATION

This product is not classified according to paragraph (d) of 29 CFR 1910.1200 and does not require a hazard warning label.

Hazard Classification: Acute aquatic toxicity Category 3
Chronic aquatic toxicity Category 3

Signal Word: None

Hazard Statements: Harmful to aquatic life with long lasting effects

Precautionary Statements

Prevention: Avoid release to the environment.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Seek medical attention. If on skin: Wash with soap and plenty of water. Wash contaminated clothing before reuse. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If swallowed: Rinse mouth. Do not induce vomiting. Drink plenty of water.

Storage: Keep out of reach of children.

Disposal: Dispose of contents/container in accordance to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Unknown Acute Toxicity 0.05% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight - %	Trade Secret
PROPRIETARY	Proprietary	1-5	*
Sodium Carbonate	497-19-8	0.1-1.0	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 — FIRST AID MEASURES

If inhaled:	If mists/vapors are formed or irritation occurs, leave area and do not return until mists/vapors have dissipated. If irritation persists, see a physician.
If on skin:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
If in eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.
If swallowed:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. If irritation persists, see a physician.
Most Important Symptoms and Effects, Both Acute and Delayed:	No information available.
Indication of Any Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically.

SECTION 5 — FIRE FIGHTING MEASURES

Fire Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media:	Caution: Use of water spray when fighting fire may be inefficient.
Specific Hazards arising from chemical:	No information available.
Special Protective Equipment for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Explosion Data:	Sensitivity to Mechanical Impact: None Sensitivity to Static Discharge: None
HMIS Rating:	Health Hazard = 0, Flammability = 0, Physical Hazard = 0, Personal Protection = X

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Ensure adequate ventilation, especially in confined areas.
Environmental Precautionary Measures:	See Section 12 for additional ecological information.
Containment Measures:	Prevent further leakage or spillage if safe to do so.
Procedure for Cleaning/Absorption:	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7 — HANDLING AND STORAGE

Handling General advice:	Handle in accordance with good industrial hygiene and safety practice.
Storage General advice:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials:	None known based on information supplied.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters	
Occupational Exposure Limits:	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls:	Showers, eyewash stations and ventilation systems.

Personal protective equipment

Respiratory protection:	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators or air purifying respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Eye protection:	Wear safety glasses with side shields (or goggles).
Skin/Body protection:	Wear chemical resistant gloves.
General hygiene:	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Dark, Pink
Odor:	Mild
pH:	9.5-11.5
Specific Gravity:	1.01
Boiling Point (°F / °C):	> 212° F
Melting Point / Freezing Point (°F / °C):	No information available
Vapor Pressure @ 20 C (mmHg):	No information available
Vapor Density (Air=1):	No information available
Solubility:	Complete
Partition Coefficient:	No information available
Flash Point (°F / °C):	No information available
Flash Point Method:	No information available
Autoignition Temperature (°F / °C):	No information available
Flammability (solid/gas):	No information available
Flammability/Explosive Limits:	No information available
Decomposition temperature (°F / °C):	No information available
Density Lbs/Gal	No Information available
VOC Content (%)	No Information available

SECTION 10 — STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions
Hazardous Reactions:	None under normal processing
Conditions to Avoid:	Extremes of temperature and direct sunlight
Incompatibility (Materials to Avoid):	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

SECTION 11 — TOXICOLOGICAL INFORMATION

Primary Routes of Exposure:	No information available.
Toxicological Effects:	No information available.
Unknown Acute Toxicity:	0.05% of the mixture consists of ingredient(s) of unknown toxicity.
Sensitization:	No information available.
Mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
STOT – Single Exposure:	No information available.
STOT – Repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity Information

Chemical Name /CAS #	Algae/aquatic plants	Fish	Crustacea
PROPRIETARY	--	LC50 Oncorhynchus mykiss, 96 hr., 1.2 mg/L	LC50 Daphnia sp., 48 hr., 5.3 mg/L
Sodium Carbonate 497-19-8	EC50 Nitzschia sp., 120 hr., 242 mg/L	LC50 Lepomis macrochirus, 96 hr., 300 mg/L static; LC50 Pimephales promelas , 96 hr., 310 – 1220 mg/L static	EC50 Daphnia magna, 48 hr., 265mg/L

Persistence/Degradability:	No information available.
Bioaccumulation:	No information available.
Other adverse effects:	No information available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal of Wastes:	Dispose in accordance with federal, state and local regulations.
Contaminated Packaging:	Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Sodium Carbonate 497-19-8	Corrosive

SECTION 14 — TRANSPORT INFORMATION

The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

DOT – Not regulated

SECTION 15 — REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313 This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311, 312 Hazard Categories

Acute health hazard	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure	No
Reactive hazard	No

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under CERCLA (40 CFR 302) or SARA (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

US EPA Pesticide Registration Number: Not applicable

SECTION 16 — OTHER INFORMATION

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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.