



WYO-BEN, INC.

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: **CLAYMASTER®**
Chemical Family: Detergent
Application: Clay inhibitor for drilling

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

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification: Acute toxicity – Oral Category 4

Hazard Symbols: Exclamation Mark

Signal Words: Warning

Hazard Statements: Harmful if swallowed

Precautionary Statements

Prevention: Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: Specific Treatment (See Section 4 on the SDS).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and 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: Call a poison center if you feel unwell. Rinse mouth. DO NOT induce vomiting.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children.

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

Hazards not otherwise classified
Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Substances	CAS Number	Percent
Benzenemethanaminium, N,N,N-trimethyl-, chloride	56-93-9	15-40

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

SECTION 4 — FIRST AID MEASURES

Description of Necessary First Aid Measures

General Advice:	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Inhalation:	Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
Skin:	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Ingestion:	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. DO NOT induce vomiting.

Most Important Symptoms. Effects, Acute and Delayed

Potential Acute Health Effects

Symptoms No information available.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary

Notes to Physician: Treat symptomatically.

SECTION 5 — FIRE FIGHTING MEASURES

Extinguishing media

Suitable 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 the chemical: No Information available.

Explosion data: Sensitivity to Mechanical Impact - None.
Sensitivity to Static Discharge - None

Hazardous thermal decomposition products:	Oxides of carbon and nitrogen.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation, especially in confined areas

Environmental precautions

Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional information.

Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7 — HANDLING AND STORAGE

Precaution for safe handling

Advice on safe handling: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

Conditions for safe storage including any incompatibilities

Storage conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible materials: Strong oxidizing agents. Strong bases.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other Information: None

Appropriate engineering controls

Engineering controls: Showers, Eyewash stations & Ventilation systems.

Individual protection measures

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Keep away from food, drink and animal feeding stuffs. Wear suitable gloves and eye/face protection.

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin protection and Body Protection: Wear chemical resistant gloves.

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.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Fish-like
Odor Threshold:	No information available
pH:	6.0 to 7.0
Melting Point:	No information available
Boiling Point:	No information available
Flash Point:	No information available
Evaporation Rate:	No information available
Flammability (solid, gas):	No information available
Lower and upper explosive flammable limits:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	1.03
Density:	8.59 lb/gal (based on specific gravity)
Solubility:	Partially soluble
Partition Coefficient: n-octanol/water:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available

SECTION 10 — STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	The product is stable under recommended storage conditions.
Possibility of hazardous reactions:	None under conditions of normal storage and use.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible materials:	Strong oxidizing agents. Strong bases.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating and toxic gases and vapors. Hydrogen chloride. Oxides of carbon and nitrogen.

SECTION 11 — TOXICOLOGICAL INFORMATION

Information on toxicological effects

Product Information:	No data available
Inhalation:	No data available.
Eye contact:	No data available.

Skin Contact: No data available.
Ingestion: Harmful if swallowed.

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization: No Information available.
Germ cell 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.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity

30% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects: No Information available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

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	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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 IECSC - China Inventory of Existing 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: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	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 the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (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.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X

U.S. EPA Label Information

EPA Pesticide Registration Number: Not Applicable

SECTION 16 — OTHER INFORMATION

Prepared: 06/20/2018

Last Revision: None

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.