MATERIAL SAFETY DATA SHEET

Product Trade Name: SATURATED SALT SYSTEM

Revision Date: 03-Jan-2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: SATURATED SALT SYSTEM
Synonyms: None
Chemical Family: Blend
Application: Mud System

Manufacturer/Supplier
Baroid Fluid Services
Product Service Line of Halliburton
P.O. Box 1675
Houston, TX 77251
Telephone: (281) 871-4000
Emergency Telephone: (281) 575-5000

Prepared By
Chemical Compliance
Telephone: 1-580-251-4335
e-mail: fdunexchem@halliburton.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS Number</th>
<th>PERCENT</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>10 - 30%</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Crystalline silica, quartz</td>
<td>14808-60-7</td>
<td>0 - 1%</td>
<td>0.025 mg/m³</td>
<td>10 mg/m³ %SiO2 + 2</td>
</tr>
<tr>
<td>Barium sulfate</td>
<td>7727-43-7</td>
<td>10 - 30%</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Hazard Overview
May cause eye, skin, and respiratory irritation. May be harmful if swallowed.

4. FIRST AID MEASURES

Inhalation
If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Skin
Wash with soap and water. Get medical attention if irritation persists.

Eyes
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Ingestion
Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Notes to Physician
Not Applicable
5. **FIRE FIGHTING MEASURES**

Flash Point/Range (F): Not Determined
Flash Point/Range (C): Not Determined
Flash Point Method: Not Determined
Autoignition Temperature (F): Not Determined
Autoignition Temperature (C): Not Determined
Flammability Limits in Air - Lower (%): Not Determined
Flammability Limits in Air - Upper (%): Not Determined

Fire Extinguishing Media All standard firefighting media.
Special Exposure Hazards Not applicable.
Special Protective Equipment for Fire-Fighters Not applicable.
NFPA Ratings: Health 1, Flammability 0, Reactivity 0
HMIS Ratings: Flammability 0, Reactivity 0, Health 1

6. **ACCIDENTAL RELEASE MEASURES**

Personal Precautionary Measures Use appropriate protective equipment.
Environmental Precautionary Measures None known.
Procedure for Cleaning / Absorption Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

7. **HANDLING AND STORAGE**

Handling Precautions Avoid contact with eyes, skin, or clothing.
Storage Information Store in a cool, dry location.

8. **EXPOSURE CONTROLS/PERSOAL PROTECTION**

Engineering Controls Use in a well ventilated area.
Respiratory Protection Not normally needed. But if significant exposures are possible then the following respirator is recommended: Dust/mist respirator. (95%)
Hand Protection Normal work gloves.
Skin Protection Normal work coveralls.
Eye Protection Wear safety glasses or goggles to protect against exposure.
Other Precautions None known.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Liquid
Color: Brown
Odor: Odorless
pH: 9-10
Specific Gravity @ 20 C (Water=1): 1.20
9. PHYSICAL AND CHEMICAL PROPERTIES

- Density @ 20 C (lbs./gallon): 10.0
- Bulk Density @ 20 C (lbs/ft3): Not Determined
- Boiling Point/Range (F): Not Determined
- Boiling Point/Range (C): Not Determined
- Freezing Point/Range (F): Not Determined
- Freezing Point/Range (C): Not Determined
- Vapor Pressure @ 20 C (mmHg): Not Determined
- Vapor Density (Air=1): Not Determined
- Percent Volatiles: Not Determined
- Evaporation Rate (Butyl Acetate=1): Not Determined
- Solubility in Water (g/100ml): Soluble
- Solubility in Solvents (g/100ml): Not Determined
- VOCs (lbs./gallon): Not Determined
- Viscosity, Dynamic @ 20 C (centipoise): Not Determined
- Viscosity, Kinematic @ 20 C (centistrokes): Not Determined
- Partition Coefficient/n-Octanol/Water: Not Determined
- Molecular Weight (g/mole): Not Determined

10. STABILITY AND REACTIVITY

- Stability Data: Stable
- Hazardous Polymerization: Will Not Occur
- Conditions to Avoid None anticipated
  - Incompatibility (Materials to Avoid) None known. Strong oxidizers.
- Hazardous Decomposition Products None known.
- Additional Guidelines Not Applicable

11. TOXICOLOGICAL INFORMATION

- Principle Route of Exposure Eye or skin contact, inhalation.
- Inhalation May cause respiratory irritation.
- Skin Contact May cause skin irritation.
- Eye Contact May cause mild eye irritation.
- Ingestion May produce nervous system effects such as feeling of weakness, unsteady walk, and dilation of blood vessels. May affect the heart and cardiovascular system.
- Aggravated Medical Conditions None known.
- Chronic Effects/Carcinogenicity No data available to indicate product or components present at greater than 1% are chronic health hazards.
- Other Information None known.
- Toxicity Tests
  - Oral Toxicity: Not determined
  - Dermal Toxicity: Not determined
  - Inhalation Toxicity: Not determined
12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air) Not determined
Persistence/Degradability Not applicable
Bio-accumulation Not Determined

Ecotoxicological Information

Acute Fish Toxicity: Not determined
Acute Crustaceans Toxicity: Not determined
Acute Algae Toxicity: Not determined

13. DISPOSAL CONSIDERATIONS

Disposal Method Disposal should be made in accordance with federal, state, and local regulations.
Contaminated Packaging Follow all applicable national or local regulations.

14. TRANSPORT INFORMATION

Land Transportation

DOT Not restricted

Canadian TDG Not restricted

ADR Not restricted

Air Transportation

ICAO/IATA Not restricted

Sea Transportation

IMDG Not restricted

Other Shipping Information

Labels: None
15. REGULATORY INFORMATION

US Regulations

US TSCA Inventory
All components listed on inventory.

EPA SARA Title III Extremely Hazardous Substances
Not applicable

EPA SARA (311,312) Hazard Class
Acute Health Hazard

EPA SARA (313) Chemicals
This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).

EPA CERCLA/Superfund Reportable Spill Quantity
Not applicable.

EPA RCRA Hazardous Waste Classification
If product becomes a waste, it does NOT meet the criteria of a hazardous waste as defined by the US EPA.

California Proposition 65
The California Proposition 65 regulations apply to this product.

MA Right-to-Know Law
One or more components listed.

NJ Right-to-Know Law
One or more components listed.

PA Right-to-Know Law
One or more components listed.

Canadian Regulations

Canadian DSL Inventory
All components listed on inventory.

WHMIS Hazard Class
D2B  Toxic Materials

16. OTHER INFORMATION

The following sections have been revised since the last issue of this MSDS
Not applicable

Additional Information
For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Material Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

Disclaimer Statement
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***END OF MSDS***