



## SAFETY DATA SHEET

Trade name: Master Squeeze Mix®

Revised: 5/29/2015

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Trade name:** Master Squeeze Mix®

**Supplied by:** Mud Masters Group, Inc.  
4071 Woodland Hwy  
New Orleans, LA 70131

**Telephone:** (432) 687-1171

**Emergency:** CHEMTREC 1-800-424-9300

**Intended use:** Drilling fluid additive – lost circulation

### SECTION 2: Hazards identification

#### **Emergency overview**

**Physical state:** solid

**Color:** white - gray

**Odor:** none

#### **EMERGENCY OVERVIEW:**

**WARNING!** Dust in high concentrations may form explosive dust/air mixtures. When pneumatically blown, equipment must be properly grounded.

**MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.** Avoid contact with eyes, skin and clothing. Avoid breathing airborne particulates. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Slippery when wet. Dike and contain spills. Keep out of sewers and waterways. No significant immediate hazards for emergency response personnel are known.



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SECTION 3: Composition/information on ingredients

Hazardous components Component	CAS-No.	EC-No.	Synonyms	Classification	Concentration
Cellulose-151	Proprietary	Proprietary	Proprietary		Proprietary
Cellulose-153	Proprietary	Proprietary	Proprietary		Proprietary
Lime	1305-62-0	n/a	Industrial Hydrate		20-40%
Diatomaceous Earth	Proprietary	Proprietary	Proprietary		Proprietary
Quartz	14808-60-7	238-878-4	Silica Crystalline Quartz		< 1%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

**Description of first aid measures**

**General Advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms, both acute and delayed:** The most important known symptoms and effects are described in section 2 and section 11.

SECTION 5: Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Nature of decomposition products not known.

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** Avoid dusty conditions.

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SECTION 6: Accidental release measures

**Personal precautions,  
Protective equipment, and  
emergency procedures:**

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. For personal protection see section 8. Do not let product enter drains.

**Environmental precautions:  
Methods and materials for  
containment and cleaning up:**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections:**

For disposal see section 13.

SECTION 7: Handling & storage

**Precautions for safe handling:**

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

**Condition for safe storage,  
including any incompatibilities:**

Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s):**

Apart from the uses mentioned in section 1, no other specific uses are "stipulated."

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SECTION 8: Exposure controls/personal protection

**Control parameters**

Components with workplace control parameters

Exposure Limits/Guidelines:				
Ingredient	CAS-No.	Agency	Exposure Limit(s)	Comments
Cellulose-151	Proprietary	OSHA	PEL-TWA 15 mg/m <sup>3</sup> (Particulate Not Otherwise Regulated)	Total Dust
		OSHA	PEL-TWA 15 mg/m <sup>3</sup> (Particulate Not Otherwise Regulated)	Respirable Dust
		ACGIH	TLV-TWA 10 mg/m <sup>3</sup> Cellulose	Total Dust
Cellulose-153	Proprietary	TWA	10 mg/m <sup>3</sup>	
		PEL	5 mg/m <sup>3</sup>	Respirable fraction.
			15 mg/m <sup>3</sup>	Total Dust
		TWA	15 mg/m <sup>3</sup>	
			15 mg/m <sup>3</sup>	Total Dust
Lime	1305-62-0		5 mg/m <sup>3</sup>	Respirable fraction.
		OSHA PEL	15 mg/m <sup>3</sup>	Total
		OSHA PEL	5 mg/m <sup>3</sup>	Respirable
		ACGIH TLV	5 mg/m <sup>3</sup>	
		TWAEV	5 mg/m <sup>3</sup>	Ont. Reg 833
Diatomaceous earth, Natural	Proprietary	OSHA PEL	80 mg/m <sup>3</sup> % SiO <sub>2</sub>	Total Dust
		ACGIH TLV	none established	
		MSHA PEL	5 mg/m <sup>3</sup>	
		NIOSH REL	6 mg/m <sup>3</sup>	
Quartz	14808-60-7	OSHA PEL	30 Silica + 2 %	Total
		OSHA PEL	10 Silica + 2 %	Respirable
		ACGIH TLV	0.025	Respirable
		TWAEV	0.1	Ont. Reg 833

**Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

**Personal Protective Equipment**

**Eye/Face Protection:**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact

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### Body protection:

with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure:

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

**APPEARANCE:** solid

**Color:** White – gray

**Odor:** No to slight

**PH:** 11.5-12.8

**Flammability:** (solid, gas) Carbon monoxide and carbon dioxide may form on combustion

**Water solubility:** insoluble

## SECTION 10: Stability and reactivity

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid heat.

**HAZARDOUS POLYMERIZATION:** Will not polymerize.

**MATERIALS TO AVOID:** Strong oxidizing agents.

## SECTION 11: Toxicological information

### Information on toxicological effects

**Acute toxicity:** LC50 (rats, inhalation) = 5,800 mg/m<sup>3</sup>/4 hours.

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Inhalation: no data available

LD50 Dermal- Rabbit - >2,000 mg/kg

Crystalline Silica: Oral (rat) LD50 > 22,500 mg/kg

Calcium Hydroxide: Oral (rat) LD50 7340 mg/kg

**Skin corrosion/irritation:**

No data available

**Serious eye damage/eye irritation:**

No data available

**Respiratory or skin sensitization:**

No data available

**Germ cell mutagenicity:**

No data available

**Carcinogenicity:**

**IARC:** Diatomaceous Earth, Natural is not classifiable as to carcinogenicity in humans (Group 3).

**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

\*This product may contain trace amounts of crystalline silica quartz which is listed by IARC "Carcinogenic to Human" (Group 1 and "Known to be a Human Carcinogen" by NTP (National Technology Program).

Reproductive toxicity:

No data available

Specific target organ toxicity-single exposure:

No data available

Specific target organ toxicity-repeated exposure:

No data available

Aspiration hazard:

No data available

Additional information:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

**Ecotoxicity:** Not known to be harmful to aquatic organisms.

SECTION 13: Disposal considerations

**Waste treatment methods**

**Product:**

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Offer surplus and non-recyclable solution to a licensed disposal company.

**Contaminated packaging:**

Dispose of as unused product.

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

SECTION 14: Transport information

**DOT** Not regulated.

**TDG** Not regulated.

**IATA** Not regulated.

**IMDG** Not regulated.

SECTION 15: Regulatory information

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

No SARA Hazards

**Massachusetts Right to Know Components**

Does not apply

**Pennsylvania Right to Know Components**

Does not apply

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**New Jersey Right to Know Components**

Does not apply

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16: Other information**

	<b>Health Hazard</b>	<b>Fire Hazard</b>	<b>Instability</b>	<b>Special Hazard</b>
<b>NFPA</b>	1	1	0	None

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

	<b>Health Hazard</b>	<b>Flammability</b>	<b>Physical Hazard</b>	<b>Personal Protection</b>
<b>HMIS</b>	1	1	0	See section 8 above

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

**DISCLAIMER:**

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this SDS will make their own determination as to its suitability for their intended purpose prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product.