

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: CC-1250 Synthetic Mud Wash Product Use: Synthetic Mud Casing Scrubber Manufactured / Distributed: Rig-Chem, LLC 132 Thompson Road Houma, LA 70363	Product Identification # (PIF): 02267 Emergency Telephone #: 1-800-424-9300 General Information #: 985-873-7208 Prepared by: Sonya Lockhart Date Prepared: November 19, 2014
---	--

SECTION 2. HAZARD(S) IDENTIFICATION

HMIS Ratings: Health 1, Fire 1, Reactivity 0 (scale 0 – 4)



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
STOT, Repeated Exposure	2	H373	May cause damage to organs through prolonged/repeated exposure

- May cause irritation to eyes, skin and respiratory tract (vapors).
- Dermatitis may result from repeated skin exposure.
- Swallowing large amounts may be a slight health hazard.
- Product VOC: LVP-VOC exempt – Vapor pressure <0.1mmHg @ 20°C (40 CFR 59.203(f))

Precautionary	Code	Statement
General	P101 P102 P103	If medical advice is needed, have product label at hand. Keep out of reach of children. Read label before use.
Prevention	P260	Do not breathe fumes/mists/vapors/sprays.
Response	P314	Get medical advice/attention if you feel unwell.
Storage	P403+P235	Store in a well-ventilated place. Keep cool.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Names	CAS #	Range%
(2-(2-Methoxy methyl ethoxy)Methylethoxy) Propanol	Glycol ether TPM, Tripropylene glycol methyl ether	25498-49-1	4 - 8
Surfactant blend	Proprietary	Not applicable	Trade Secret

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses. If irritation persists, seek medical attention.
- **Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
- **Inhalation:** If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING. Call a physician immediately. If victim is conscious and alert, give 1 pint (16oz.) lukewarm water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIB Combustible
 Flash Point: Above 200°F (93°C)

- **Extinguishing Media:** Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.
- **Specific hazards arising from chemical:** Vapors are heavier than air and may travel along the ground to an ignition source.
- **Hazardous combustion products:** Oxides of carbon and nitrogen, ketones, aldehydes and ammonia.
- **Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- **Sensitivity to static discharge:** This product is not combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Eliminate all ignition sources. Ventilate area.

- For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- Handling: Wear personal protection equipment. Use with adequate ventilation. Do not handle around sources of ignition. Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not premix with other chemicals. Do not eat, drink or smoke in work areas.
- Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
(2-(2-Methoxy methyl ethoxy)Methylethoxy) Propanol	25498-49-1	Not established	Not established	Not established
Surfactant blend	Proprietary	Not established	Not established	Not established

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

- Eye: Safety glasses with side shields or splash proof goggles.
- Skin: Chemical resistant gloves.
- Respirator: Use NIOSH approved protection if vapors are causing irritation or prolonged/repeated exposure is possible.
- Clothing: Normal materials handling clothing.
- Other: Use only in a well ventilated area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow, clear liquid	Upper/Lower flammability limits	Not determined
Odor	Ether-like	Vapor pressure	<0.1mmHg @ 20°C
Odor threshold	Not determined	Vapor density (Air = 1)	>1
pH	7.5 – 8.8	Specific gravity (water = 1.0)	1.020 g/ml
Melting point	Not determined	Solubility	Complete in water
Freezing point	Not determined	Partition coefficient (n-octanol/water)	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	Above 200°F (93°C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity	Not determined
Flammability	Class IIIB Combustible	%Volatile/Volume	50

SECTION 10. STABILITY AND REACTIVITY

- Reactivity: Not reactive under normal conditions. May react with oxygen to form peroxides.
- Chemical stability: Stable under normal, ambient temperature and conditions.
- Possibility of hazardous reactions: Hazardous polymerization will not occur.
- Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- Incompatible materials: Avoid strong oxidizing agents.
- Hazardous combustion products: Oxides of carbon and nitrogen, ketones, aldehydes and ammonia.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Eye Contact: May cause eye irritation and/or redness.
- Skin Contact: May produce skin irritation. Dermatitis may result from repeated skin exposure.
- Inhalation: Vapors may cause irritation to respiratory tract.
- Ingestion: Swallowing large amounts may be a slight health hazard. Repeated or prolonged exposure may result in kidney damage.
- Oral (LD50 Rat): >5000mg/kg
- Dermal (LD50 Rabbit): Not determined
- Inhalation (LC50 Rat): Not determined
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): 37 mg/L – Undiluted product may cause long-term adverse effects in the aquatic environment.
- 96h EC-50 (invertebrates): Not determined
- 48h LC-50 (algae): Not determined
- Persistence and degradability: Not determined
- Bioaccumulation: Not determined
- Mobility: This product is soluble in water and may spread in water systems. Soil mobility not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- Not regulated

IMDG and IATA:

- Not regulated
- Marine Pollutant (IMDG Code): No
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not listed

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

- Immediate (Acute) Health = No
- Delayed (Chronic) Health = Yes
- Fire Hazard = No
- Reactive Hazard = No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

- Date Prepared: November 19, 2014
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.