



JMN Specialties, Inc.

MUD BUSTER 2010

MUD BUSTER 2010 is an environmentally safe, neutral pH blend of water based green surfactants specifically formulated to clean oily mud deposits from hard surfaces. **MUD BUSTER 2010** is blended specifically for cleaning applications where the waste stream contains high levels of oily solids that must be separated from the water phase and must pass through passive or active oil water separators. **MUD BUSTER 2010** will temporarily trap the oily waste in the water during the cleaning process and will quickly split, thus allowing for complete separation of the solids, oil, and water in the downstream processing equipment.

At normal use dilutions, **MUD BUSTER 2010** is low-foaming. It is the ideal product for closed loop cleaning systems that require low foaming detergents. **MUD BUSTER 2010** is an oil splitting detergent and it will not emulsify natural or synthetic oils into the water phase. **MUD BUSTER 2010** has been specifically formulated to remove waste oil based mud from storage or transportation vessels using a minimum amount of added water. **MUD BUSTER 2010** will quickly separate the solids (leaving them in a easily pumpable state) and the spent water can be recharged with cleaner and reused dramatically reducing total waste generated. Oil based drilling mud cleaned with **MUD BUSTER 2010** can be recycled back to the mud company further reducing the overall cost of the cleaning process.

Application

Mud storage tanks should have all pumpable mud removed before cleaning begins. Gunlines should be manually lanced if needed. Pre-testing of a typical mud sample will determine the starting dilutions, typically between 2 and 10% of added water volume (predicated on oil loading). Adequate circulation time is needed to remove solids from walls and floor. This time is predicated on compaction of solids, but typically takes 1 to 3 hours. After cleaning, the fluid should be pumped to a separation vessel. The water will quickly separate from the solids. Pump the reclaimed water to the next tank to be cleaned. Recharge the recycled water with 25 - 30% of the original chemical addition. Repeat the cleaning, separation, and recycling process until all tanks are clean. Any additional water added to the cleaning process should be treated with the same starting percentage of cleaner.



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MUD BUSTER 2010 solutions typically will remove 95 to 100% of the contamination in one cleaning. **MUD BUSTER 2010** solutions do not form oil / water emulsions. **MUD BUSTER 2010** solutions flocculates the solids and allows them to quickly settle out after the cleaning process allowing for recycling of the water phase. **MUD BUSTER 2010** cleans faster and can generate revenue in the recycled mud. Waste volume can be cut by 50 - 80% using **MUD BUSTER 2010**.

