

# CLEAN UP

CLEAN UP\* detergent is a blend of selected anionic and non-ionic surfactants with a variety of uses ranging from general rig and engine cleanup to specialized cuttings wash solutions for oil muds.

This multipurpose product is especially effective as a rig wash for general cleaning when using oil-base mud. CLEAN UP agent is a heavy-duty, low-sudsing detergent and degreaser, which makes those tough cleanup jobs easier. CLEAN UP detergent is effective in both freshwater and seawater.

### Typical Physical Properties

Physical appearance .....	Clear yellow liquid
Odor .....	Ammoniacal
Specific gravity .....	1.02
pH (1% solution) .....	8.3

### Applications

Apply CLEAN UP detergent full-strength or slightly diluted as a rig and equipment wash when using oil-base muds.

For use as a general rig and engine degreaser, regardless of mud type, apply full-strength or dilute with water as needed.

As a cuttings wash solution when using oil-base muds, the recommended concentration is a 2 to 3% solution (i.e., 2 to 3 gal of CLEAN UP detergent per 100 gal of water).

CLEAN UP detergent works to emulsify oil-in-water and is helpful in the treatment of minor oil spills. All oil spills should be treated in a manner which complies with applicable environmental regulations.

As a cleaning solution for all wood, plastic and metal surfaces, dilute CLEAN UP detergent with water as required.

### Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

CLEAN UP detergent can cause irritation to eyes, mucous membranes and skin. Do not mix with other chemicals or with strong acids or alkalis.

### Packaging and Storage

CLEAN UP detergent is packaged in 55-gal (208-L) drums or 5-gal (18.9-L) cans.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.



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