

ZX-OF-12

Surfactant (Well clean up)

General

ZX-OF-12 Surfactant (Well Clean Up) is a special aqueous blend of selected anionic and non-ionic surfactants with variety of uses ranging from general rig and engine cleanup to specialized cutting wash solutions for oil mud.

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

Composition

Non ionic Surface active agents

Product

Appearance	Pale Yellow Liquid
Specific Gravity	0.92~1.03
Flash Point	$\geq 62^{\circ}\text{C}$
Solubility in Water	Soluble
PH	6.5~7.5

Application

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ZX-OF-12 Well Cleanup Surfactant routinely used in a range of applications, such as removing heavy hydrocarbon deposits, controlling the wet ability of contact surfaces before, during or

after a chemical treatment, and preventing or breaking emulsions.

It is used for degreasing, cleaning and washing of equipment exposed to oil based fluids. It is highly effective in both fresh water and sea water.

Apply Well Cleanup Surfactant 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.

Well Cleanup Surfactant 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 Well Cleanup Surfactant detergent with water as required.

Environmental Information

For information concerning environmental regulation applicable to Well cleanup Surfactant, contact the health Safety and Environmental Department.

Packing

The standard packing for Surfactant (Well Clean Up) ZX-OF-12 is a 1000L plastic container with protecting steel bar. Supply in other packing or bulk can be offered upon request.

Safety and handling

When handling Surfactant (Well Clean Up) ZX-OF-12, protective gloves and protective work clothing should be worn though DRA product is less harmful or irritable than the other chemicals.

Keep containers closed when not in use. Avoid contact with water. Keep away from sparks and open flame. Do not smoke.

The Material Safety Data Sheet, which is available upon request, contains further information about first-aid procedures, firefighting techniques, transportation information, and regulations.