



## PRODUCT BULLETIN

# BIOCLEAN 545-DL, 1130 and 1135

## Cleaners, Dispersants

### General Description

**BIOCLEAN 545-DL, 1130 and 1135** are water-soluble, highly rinsable combinations of mild natural detergents, surfactants, citrus oils and grease emulsifiers that function extremely well in fresh or brine water. Their balanced emulsification systems and neutral pH are ideally suited for degreasing tanks and barges before welding or personnel entry. **BIOCLEAN 545-DL, 1130 or 1135** has been proven to be very effective in cleaning grease, oils, and hydraulic fluids from metal surfaces. **BIOCLEAN 545-DL, 1130 or 1135** will rinse completely clean with water leaving behind a mildly corrosion resistant surface. Safe to use when cleaning potable water tanks. **BIOCLEAN 545-DL, 1130 or 1135** are extremely effective when used as a bilge cleaner. Each product differs in the concentration of citrus oils and the emulsifier package. Choose the product that is most effective for your particular cleaning operation.

### Application/Dilution

**BIOCLEAN 545-DL, 1130 or 1135** is very mild and may be used on any surface not harmed by water. The emulsification properties and moderate pH of **BIOCLEAN 545-DL, 1130 or 1135** make it an ideal degreaser and dispersant. **BIOCLEAN 545-DL, 1130 or 1135** may be applied by mop, brush, sponge, or spray. Allow for penetration prior to wash down.

### Physical Properties

Color	Clear to Light Amber
Specific Gravity	1.01 - 1.03
pH	7.5 - 8.5
Freeze Point	32° F

### Dilutions

For best results, use as provided or dilute **BIOCLEAN 545-DL, 1130 or 1135** 1 : 1 in water for extremely soiled surfaces; 1 : 3 on moderately soiled surfaces; and 1 : 5 on oil spills. When used as a bilge cleaner, use 1:1 for extremely contaminated bilges, and up to 30:1 for normal oil control.

### Availability

**BIOCLEAN 545-DL, 1130 or 1135** is available in UN approved 5 gallon pails, 55 gallon drums and bulk quantities.

### Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.