

## DESCRIPTION

DREWSPERSE SWD seawater dispersant is a highly effective dispersant for keeping seawater cooling system free from marine fouling. Keeping seawater cooling systems free from microbiological (bacteria and fungi) or macrobiological (mussels, plants, etc.) growth is essential for maintaining the cooling capacity of today's high efficiency systems. When used on a regular basis, DREWSPERSE SWD seawater dispersant prevents fouling by dispersing sea growth and preventing it from adhering to marine heat transfer equipment. DREWSPERSE SWD dispersant does not contain any phenolics, chlorinated solvents or other harsh chemicals.

## APPLICATION & USE

### Precleaning

It is recommended that the seawater cooling system be cleaned prior to beginning a prevention program featuring DREWSPERSE SWD dispersant. The reason for cleaning is that if the cooling system is already fouled, the product will disperse new growth present but not existing growths. Therefore, to achieve the desired heat transfer condition, we recommend that all existing growth be removed.

## DOSAGE/APPLICATION

DREWSPERSE SWD dispersant may be dosed via a gravity head tank and flow-meter, an eductor dosing unit, or a suitable pump and tank system to a sea chest at the recommended concentration rate of 6 ppm for a period of one hour. To achieve 6 ppm, dose 0.6 liters of DREWSPERSE SWD dispersant per 100 tons of water flow. Dosage should be for one hour. The best point for injection of the dilute solution of the product is immediately after the external sea chest COOLING WATER TREATMENT strainer. This provides total dispersion and mixing with the seawater. The mixed solution thus will contact all parts of the seawater cooling system.

For vessels which operate continuously in coastal waters, we recommend dosing every three days. For all ocean-going vessels, we recommend dosing every two days while in coastal waters and at a minimum dose of once a week when not.

DREWSPERSE SWD dispersant should not be fed to a system while the seawater is being drawn as makeup for an evaporator or water maker. Either isolate the evaporator or shut it down while DREWSPERSE SWD dispersant is being dosed and for at least 30 minutes afterward.

## TYPICAL PHYSICAL PROPERTIES

Appearance:	Clear, water-white liquid
Odor:	Fresh, pleasant odor
Specific Gravity @25°C:	0.989
Flash Point (PMCC):	None
pH:	7.0 - 8.5
Water Solubility:	Complete in all proportions

**NOTE:** Always wear the appropriate personal protective equipment when using this product.



Contact your Drew Marine representative for more information

## PACKAGING

DREWSPERSE SWD seawater dispersant is available in 25-liter containers (PCN 5148409).

## IMPORTANT INFORMATION

Drew Marine maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

### FEATURES

- Highly effective dispersant
- Low odor
- Utilizes simple, low-cost application equipment
- Concentrated liquid
- Neutral pH

### BENEFITS

- Helps the system to maintain design heat transfer rates
- Does not require continuous application and monitoring
- Pleasant to use
- No major capital investment or costly repairs required
- Easy to apply
- Cost effective
- Non-corrosive to most metals
- Safe to use in marine systems



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# **Drew Marine®**

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