

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### MIL-R-21006

#### Ballast Tank Flotation Coating Inhibitor

##### General Description

**MIL-R-21006** is a non-toxic, biodegradable, highly effective rust retarding compound which is capable of floating on ballast water and will deposit itself as a protective coating on adjacent tank surfaces during ballasting and de-ballasting operations.

##### Application

**MIL-R-21006** is formulated to be used as provided. The initial application of **MIL-R-21006** should be sufficient to provide a one inch (39.37 mm) layer of the inhibitor floating on the surface of the water. A thicker layer may be necessary if the tanks are severely rusted. To insure complete coverage of the tank's bottom and overhead plating, **MIL-R-21006** should be sprayed or pumped on to those areas. The remaining compound shall be added into the tank through manholes or access hatches. The operator should run a minimum of three ballasting cycles with a one hour pause between the end of one cycle and the beginning of the next. A properly treated tank should have a minimum of ¼ inch (6.35 mm) layer of compound remains on the surface of the ballast water when the tank is almost full. Treated tanks should be ballasted at least once every three months to ensure re-application of the compound to areas which have become bare due to rust scale falling off and taking absorbed compound with it.

##### Physical Properties

Appearance	Amber Liquid
Odor	Mild Solvent Odor
Specific Gravity	0.86 - 0.89
Flash Point	> 375° F

**MIL-R-21006** is formulated to and meets all of the requirements of MIL-R-21006, "Rust Retarding Compound, Flotation Type, Ballast Tank Protective."

##### Availability

**MIL-R-21006** 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. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.