

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

AVO 2

Heavy Duty Cleaner / Emulsifier*

General Description

AVO 2 is a biodegradable, alkaline, water-based blend of nonionic detergents, solubilizers, chelators, penetrants and builders designed for specification cleaning of storage tank wall surfaces, pipelines, ship holds, and equipment not affected by contact with water. Depending upon the degree of its dilution with water, **AVO 2** is an excellent general purpose cleaner and oil emulsifying degreaser. **AVO 2** is ideally suited for degassing and decontaminating barges, ships, tanks, vats and for all engine room maintenance. **AVO 2** is safe and effective for use in non-food cleaning processes as per 9 CFR 416.4 (see below).

Application

AVO 2 is highly concentrated. **AVO 2** can be applied as provided or can be diluted with water to desired concentration for best results. Industry standard application equipment can be used to apply product in concentrate or diluted form.

For flood circulation cleaning of small vessels or pipelines, use 2 to 10 percent by volume. Adjust concentration for soil conditions. Use 2 to 10 percent for butter-worth cleaning.

Product can also be applied as provided and fire hoses can be used to rinse. For steam flood cleaning of tanks and barges, apply product undiluted, flood with steam and utilize fire hoses or other suitable methods for rinsing.

Physical Properties

Color	Yellow
Odor	Mild
Specific Gravity	1.015
Density	8.46 lbs./gal
pH	13 - 14
Flash Point	None
Soluble	Infinitely Soluble in Water

Availability

AVO 2 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.

* **AVO 2** is formulated with ingredients listed on the FDA GRAS (generally recognized as safe) list. JMN Specialties, Inc. certifies that this product is formulated and meets the certification requirements of federal regulations (9 CFR, Section 416.4). JMN Specialties, Inc. has documentation on file and this documentation is available to Food Safety and Inspection Service (FSIS) inspection program employees for review.