



MARICOTE ALOX™

DESCRIPTION

MARICOTE ALOX is a highly effective compound of selected oils and rust preventatives, which form a corrosion protective coating, capable of floating on ballast-deballast tanks. The main advantage of being able to coat ballast tanks by floating, is when the manual application methods are considered difficult, if not impossible, due to limited space, poor illumination and the humidity, which can make the following procedures very difficult, maneuvering, application and drying.

ADVANTAGES AND CHARACTERISTICS

- ◆ It is an efficient ballast tank flotation coating inhibitor for corrosion protection.
- ◆ Odorless, non-toxic, non-oxidizing, non-corrosive and non-flammable.
- ◆ Forms a flexible, elastic and long lasting coating.
- ◆ Can safely be used on all metal surfaces and metal alloys.
- ◆ No effects on rubber or plastic compounds.
- ◆ It has insulating properties and can be easily removed when necessary.
- ◆ Harmless to macro and microorganisms.
- ◆ Provides quick and reliable results and is very stable
- ◆ Cost effective, simple to apply and use.

PHYSICAL PROPERTIES

MARICOTE ALOX is a viscous liquid compound consisting of supreme quality oil and rust preventatives.

Appearance/color	: Dark brown liquid
Odor	: Odorless
Specific gravity	: 0.88 - 0.90 gr/cm ³ at 20°C
Dynamic Viscosity	: 30 mPas at 20°C
Flash Point	: >200°C

PACKAGING

Order Number	: 922102 (210 ltrs)
Container	: Steel drum

APPLICATION AND USE

A. Dosing Procedure

MARICOTE ALOX may be applied either by floating or by spraying.

Floating Method: For tank sides, about 70 microns of MARICOTE ALOX must be floated across the top of the water.

For coating the sides and ends of the tank as well as the determined single area of greatest surface, a coverage rate of 6–12 square meters/liter of MARICOTE ALOX is required, depending on the surface's condition.

Spraying Method: A single coat, double pass, should provide 70microns thickness, which is equivalent to spray coverage of 12 square meters on new construction and approximately 6 square meters/liter on rusty surfaces.

Internal structures may require up to 5 times the liters required for only the boundary (L, W, H) tank dimensions.

B. Application Procedure

Floating Method: All surfaces must be clean and free from scales, rust, silt and other sediment. Pour the required amount of MARICOTE ALOX onto the surface of the water. Fill tank slowly (max. 50mm/min), minimizing turbulence until it stops, to allow the product reform layer.

The product must be well distributed to spread evenly on lightening holes, holding the water level at a depth in the tank. Then press tank to coat overheads.

Areas that may not be coated because of air pockets should be sprayed. De-ballast gradually. Repeat ballasting and de-ballasting as mentioned above.

Spraying Method: Before spraying, all surfaces must be clean and free from scales, rust, silt and other sediment. Then according to dosage instructions, calculate the quantity needed. Wearing a protective, stain-proof, overall suit and a self breathing apparatus, spray MARICOTE ALOX on the desired tank surface areas by means of conventional spraying equipment or a more sophisticated high-pressure spraying machine at the rate prescribed in the dosing instructions.

This application might be necessary to be repeated depending on the desired film thickness, if any. Otherwise 70microns thickness is suggested. Allow 48 hours with normal ventilation before putting the tank into service.



- **Note** that for best results, always spray overheads of tanks. Also **MARICOTE ALOX** should not be applied by brush or roller because these applications disturb the uniformity of the platelet formation.

APPROVED SPECIFICATIONS

It meets the requirements of **U.S. federal specification MIL-R-21006 "Rust Retarding Compound, Flotation Type, Ballast Tank Protective"**.

ADDITIONAL INFORMATION

Depending on tank construction (framing, stiffeners, intercostals, etc.) use from 100–150% extra quantity of **MARICOTE ALOX** for these surfaces. In some extreme cases e.g. a forward double bottom, as much as 5 times the calculated quantity is required.

! SAFETY AND HANDLING

- **MARICOTE ALOX** should not be used in potable water tanks or tanks used for edible materials.

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
If Swallowed	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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