



- Experience Innovation -

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CLEARBLAST RUST INHIBITOR

(CARB and OTC compliant)

PRODUCT DATA SHEET

remove salts | prevent flash rust | degrease

Product Information Description:

CLEARBLAST Rust Inhibitor is a single component surface passivating, flash rust preventing, and degreasing additive. Use to remove all soil contaminants including oil, and blast residue – while passivating surface inorganics in order to prevent flash rusting for at least 72 hours even under harsh conditions. Use this product in conjunction with power washing, power wash after dry abrasive blasting, wet abrasive blasting, or water-jetting.

CLEARBLAST Rust Inhibitor is also effective when used with hand tool or power tool cleaning.

Features:

- Flash rust prevented for approximately 72 hours, often longer with no rain and temperature above 40°F (4°C).
- CLEARBLAST Rust Inhibitor aids in removal of surface salts including chlorides, sulfates, nitrates, and all other soluble salts through the reduction of surface tension when CLEARBLAST Rust Inhibitor is added.
- Immediately soluble in water or hydrocarbon solvents such as mineral spirits and xylene
- Non-Hazardous, Non-toxic and non-flammable
- Biodegradable, colorless, and odorless
- Phosphate and acid-free
- Evaporates with the water in which it is dissolved. The surface can be primed immediately after evaporation.

Substrate Suitability:

- Steel, Iron, Galvanized Steel, Aluminum, and Stainless Steel
- Concrete and CMU Block (cinder block)
- Fiberglass

Characteristics:

- Prevents flash rusting of uncovered surfaces and provides rust-free window of 72 hours or longer even with light rain or condensation and temperature above 40°F (4°C). Rust-free window for interior storage of ExpressBlast Lite-treated surfaces can be significantly longer.
- Prime CLEARBLAST Rust Inhibitor-treated surface as quickly as possible in accordance with coating manufacturer requirements after surface is dry.
- Shelf life is 3 years when stored in a cool and dry place, DO NOT LET PRODUCT FREEZE.
- Weight is 8.6 lbs. per gallon.
- Mass density is approximately 62.43 lbs./ cubic foot (1 gram/cubic meter).

Instructions for Use:

- Typically used in both blast water and wash down water cycles.
- Normally used in pressure washers, wet/ slurry and vapor abrasive blast equipment, and ultra high pressure (UHP) water jetting equipment or after dry abrasive blasting.
- Diluted at 50 - 250:1 ratio with water depending on the application, humidity and level of surface contamination. Dilution ratio of 100:1 is most common for blast and wash water cycles.
- For high humidity environments with highly contaminated substrates, 50:1 dilution ratio may be necessary for both cycles. Typically, a 100:1 ratio is recommended for both cycles. After dry blasting, 50:1 dilution is recommended, except in low humidity and low contamination environments, when 100:1 should be adequate. Testing various dilution ratios may be required until flash rust is eliminated. Dust and other contaminants left after dry and wet abrasive blasting must be removed with CLEARBLAST Rust Inhibitor-treated water. It is recommended to power wash with CLEARBLAST Rust Inhibitor-treated water at sufficient pressure and flow rates to effectively dislodge dust and contaminants and prevent flash rusting. For degreasing, a 50:1 dilution ratio is generally recommended but a higher concentration (25:1) and possibly increased water pressure may be necessary.

Safety, Storing, and Packaging

Precautions:

- Hard water (high concentration of carbonates and other minerals), industrial or plant water, well water, river water, lake water and, in some cases, poor quality potable water can affect the performance of CLEARBLAST Rust Inhibitor.
- Avoid “pooling” of CLEARBLAST Rust Inhibitor-treated water. Excess water should be blown away with clean, oilfree compressed air.
- Wear eye protection when handling this product. Flush eyes with clean water for 5 - 10 minutes should contact with CLEARBLAST Rust Inhibitor occur.

Safety Precautions:

- Keep out of reach of children
- Do not mix with other chemicals

- Do not store below 32°F (0°C) to avoid freezing chemicals. See current SDS for full list of precautions prior to use.

Packaging:

- Available in 5-gallon pails, 30-gallon drums, 55-gallon drums, and 275-gallon totes. Weight is 8.6 lbs per gallon.

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