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## **Express Blast Lite**

**(CARB and OTC compliant)**

### **PRODUCT DATA SHEET**

**remove salts | prevent flash rust | degrease**

#### **Product Information Description:**

ExpressBlast Lite is a single component salt removing, flash rust preventing, and degreasing additive. Use to remove all contaminants including salts, oil, and blast residue. Use this product in conjunction with power washing, power wash after dry abrasive blasting, wet abrasive blasting, or waterjetting. ExpressBlast Lite is also effective when used with hand tool or power tool cleaning.

#### **Features:**

- Flash rust prevented for approximately 48 hours, often longer with no rain and temperature above 40°F (4°C).
- Surface salts including chlorides, sulfates, nitrates, and all other salts are generally undetectable after proper use.
  - 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 48 hours or longer with no 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 ExpressBlast Lite-treated surface as quickly as possible in accordance with coating manufacturer requirements after surface is dry and before flash rusting appears.
- Shelf life is 3 years when stored in a cool and dry place.
- 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 (See Mix Ratio and Coverage memos).
- 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 ExpressBlast Lite-treated water. It is recommended to power wash with ExpressBlast Lite-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 ExpressBlast Lite. Call Express Chem for assistance.
- Avoid “pooling” of ExpressBlast Lite-treated water. Excess water should be blown away with clean, oil-free compressed air.
- Wear eye protection when handling this product. Flush eyes with clean water for 5 - 10 minutes should contact with ExpressBlast Lite occur.

**Safety Precautions:**

- Keep out of reach of children
- Do not mix with other chemicals
- Do not store below 24°F (-4°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.

To the best of our knowledge, the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Express Chem. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our product to conform to Express Chem quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY EXPRESS CHEM., EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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