

Chesapeake Soda Clean, Inc.

Mobile Paint Stripping & Surface Restoration Services

Authorized Soda Works Dealer / Distributor

Soda Blast Equipment & Media Sales

Office: 965 Lynch Dr. Arnold, MD. 21012

Shop: 2116 Renard Ct. Annapolis, MD. 21401

www.ChesapeakeSodaClean.com

Cell: 410-271-2652 Fax: 410-349-0197

Price List

**Buster Blaster 100
Mobile Baking Soda Blaster**

**Buster Blaster 100
Baking Soda Blast Pot**

Cooler/Dryer Package

**Buster Blaster 25
Baking Soda Blast Pot**

Accessories

**Sodium Products
Baking Soda Blast Media**

The Soda Works

1108 N. 9TH St. Walla Walla, WA. 99362
1-800-267-8098 509-522-1040 fax: 509-529-5996
www.SodaWorks.com

BUSTER BLASTER 100 MOBILE SODA BLAST UNIT

Soda Blast pot media capacity: 2 bags (100 lb. media)



“The only patented soda blaster” – awarded 2006. Made in the USA!

This package is a complete “turn key” mobile business on wheels!

Simply the finest quality backed by superior service!
Designed, engineered & built by industry professionals!

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Buster Blaster 100 Mobile Soda Blaster

\$00,000.00 plus freight from Walla Walla, WA.

Pricing subject to change without prior notice

Package includes: Sullivan-Palatek D210QH hi-pressure air compressor - powered by 80 HP John Deere 4 cylinder diesel engine; compressor rated at 210 CFM @ 150 PSI. Custom mounted Buster Blaster 100 soda blast pot, 50' Goodyear blast hose, 50' Goodyear extension blast hose, #3 & #5 water atomizing nozzles, and "Red Head" 12-volt trigger line. High efficiency, compressor driven, rear mounted twin air coolers (375 cfm each). Highly efficient 375 cfm centrifugal moisture separator (mounted under cowl). Step platform, hydraulic brakes, rear mounted spare tire, chrome lug nuts and wheel center caps.

Buster Blaster 100 Mobile - Highlights:

Manufactured by the originator of the mobile soda blaster!

Made in the USA!

21st century design!

2006 patent award!

Conical pot design – best for soda flow!

Simple, compact, efficient, and easy to use!

Easily towed by ½ ton truck, van or SUV!

Exterior piping/hoses are stainless steel!

All exterior painted surfaces are powder coated!

Self-cleaning, no clog soda blast pot!

Un-matched soda flow rates!

The only dedicated soda blast pot manufactured!

Regional dealer/distributor network!

24/7 technical support!

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BUSTER BLASTER 100 SODA BLAST POT

Soda Blast pot media capacity: 2 bags (100 lb. media)

Package includes: 1 - 50' Goodyear blast hose, 1 - 55' 12-volt electric control line with "Red Head" trigger, 12-volt electric/air rotary shut off valve, spun aluminum media fill funnel w/ screen, # 5 WAN nozzle (water atomizing nozzle) w/ 50' wet hose line.



The only patented soda blaster!

\$0,000.00 plus freight from Walla Walla, WA.

Over 6 years in development, The Soda Works Buster Blaster 100 soda blast media pot is un-equalled in design simplicity and performance. The Soda Works is the patent holder and prime builder of this soda blast pot. The media specific design of this soda blast pot means that you will experience some of the lowest flow rates achievable. In combination with Natrium Products soda blast media, this design will actually save you money – maybe lots of money! This is a dedicated soda blast media pot, please do not confuse it with a converted sand blast or “any media” pot currently available on the market today.

Please call for recommended air compressor requirements.

Air cooling/drying package is generally required with BB100 soda pot purchase.

AVAILABLE ACCESSORIES:

SW-500 MOISTURE SEPARATOR: \$000.00

12-VOLT SINGLE COOLING FAN: \$000.00

50' COUPLED BLAST HOSE EXTENSION W/ 50' ELECTRIC LINE: \$000.00

WATER INJECTION NOZZLES: #3 - \$000.00, #4 - \$000.00, #5 - \$000.00

FAN NOZZLE: #4 - \$000.00

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AIR COOLING/DRYING PACKAGE (Buster Blaster 100)

Package Includes: Twin air coolers (375 cfm each) w/ 12-volt switched and fused fans mounted on powder-coated frame w/ stand. Highly efficient centrifugal moisture separator (375 cfm), 1 - 15' hi-temp connector hose, 2 - 10' connector hoses. For use with compressors up to 375 cfm.



\$0,000.00 plus freight from Walla Walla, WA.

This package is generally required when purchasing the Buster Blaster 100 soda blast pot (without compressor) and when you are supplying an appropriately sized air compressor.

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BUSTER BLASTER 25 – PORTABLE SODA BLAST POT

Soda Blast pot media capacity: ½ bag (25 lb. media)

Package includes: 25' blast hose, nozzle head shut off valve and regulator/moisture separator. Three nozzles included: #1 (3/32") 17 cfm @ 125 psi, #2 (1/8") 26 cfm @ 125 psi, and #3 (3/16") 55 cfm @ 125 psi. Maximum inlet pressure is 125 psi.



This professional grade "little guy" is great for small jobs requiring less air! Use as a stand alone unit or in conjunction with your mobile unit as a low cost tool to increase production. The Buster Blaster 25 is built to the same high standards as our larger soda blast pots - please don't confuse this with catalog or "hobbyist" soda blasters.

\$0,000.00 plus freight from Walla Walla, WA.

Optional - Portable cooler/dryer unit - perfect for the BB25 - \$000.00 plus freight.

The Soda Works

Buster Blaster Model 100 Soda Blaster

The Buster Blaster 100 by The Soda Works is the only true Soda Blaster. It operates using a patented, self-cleaning venturi that requires little or no maintenance. The venturi combined with the metering system in the Buster Blaster Soda Blaster virtually eliminates downtime because of clogged lines and will deliver a precise and even flow of the blasting medium (Natrium Soda Blasting Medium) so you can complete your work on time and on budget. A properly adjusted Buster Blaster Soda Blaster will reduce your use of soda by 20% or more and still have better on-the-job performance than any modified Sand Blast or “any media” pot.

The Buster Blaster Model 100 Soda Blaster has a capacity of 100 lbs of Natrium Soda, that's two bags. When you order the Buster Blaster 100 Soda Blaster you should already have a high-volume air compressor. How much capacity do you need? It depends upon the size of the nozzle you are using. When you are using a nozzle with a larger opening, you increase the flow of air and soda and have a larger "brush" that you are blasting with.

Here is a simple chart that shows the air flow required:

Tip Size	Minimum CFM required	PSI
#2 – 1/8”	26	125
#3 - 3/16"	55	125
#4 - 1/4	98	125
#5 - 5/16	168	125
#6 - 3/8	237	125

Our Buster Blaster 100 Mobile unit comes with an air compressor that has a capacity of 210 CFM at 150 PSI. It can supply enough air to run two Buster Blaster Soda Blaster pots with 1/4 inch nozzles. Surface cleaning of dirt and grime generally require air pressures of 100 to 125 psi. Coatings removals generally require minimum air pressures of 125 psi.

Another very important factor to consider when Soda Blasting is the dryness of the air. It is essential that you are supplying the driest air possible to your soda blaster. Sodium Bicarbonate is hydrophilic, it loves water. It will readily absorb any moisture it can find in the air it is supplied. This leads to clogged lines and poor performance. At Soda Works we have been aware of this for years and have developed our proprietary air-drying system, which consists of our custom air-cooling unit coupled with our SW-500 moisture separator. We have spent years perfecting this system to deliver the driest air possible to our Soda Blasters.

If you have your own high-volume compressor and are ordering one or more of our Buster Blaster Soda Blasters, be sure you also order our cooler/dryer pack which will deliver the dry air you need to Soda Blast in the efficient and profitable manner that our soda blasters make possible.

Now that you have chosen to use one of the patented Soda Blasters manufactured by The Soda Works you have cleared the biggest hurdles in claiming your place among the most productive soda blasting companies in the country. But owning a Buster Blaster system is only part of the equation. The results you obtain will vary with the type of soda blasting media you choose to use.

You might be thinking, "Baking soda is baking soda." While this is true, not all baking soda makes good soda blasting media. At Soda Works our goal is to provide you with the best soda blasting systems in the world. To reach this goal we have analyzed every aspect of the soda blasting process. Our system delivers the driest air possible to our patented venturi metering system. We have analyzed and perfected every aspect of our system down to the very baking soda that is being used in the process.

Our research has proven to us that not all soda is alike. We recommend and sell only Natrium Soda Blasting Media. We strongly feel that Natrium soda is the only Soda Blasting Media that should be used in soda blasting today.

Why? It all has to do with particle size and in soda blasting - size matters! The size we are referring to is the size of the sodium bicarbonate crystal that makes up the media. The Natrium 260 Soda Blasting Media is manufactured in a process that results in a consistent crystal size. Over 90% of the Media is will not fit through a U.S. Standard #70 screen. This is a good thing. Larger particles equal less dust and more work. We have found Natrium 260 to be the ideal size for soda blasting. Smaller crystals don't get as much work done and larger crystals put excessive wear and tear on the equipment without resulting in significant gains of efficiency.

Natrium Soda Blasting Media is also pure Sodium Bicarbonate. There are no "flow additives" or other adulterants. Other "Soda Blasting" systems cannot deliver air that is dry enough. Even if you hook up one of your Buster Blaster pots to their air supply, the moisture in the air will cause the soda to clump and clog. Rather than be thorough and design a proper soda blasting system, other manufacturers "blame the soda" and add junk into the soda, which diminishes the purity of the process. Sodium bicarbonate is completely water-soluble. You can rinse every trace of it away with a hose. "Flow additives," typically Tri Calcium Carbonate and TFF (treated free flowing additive -?), are not water soluble. To remove them from your work site requires more time and effort on your part. What's more is the "flow additives" do not do any of the work of blasting; they simply make more dust and more mess for you to clean up afterward.

Natrium 260 Soda Blasting Media *is* the very best Soda Blasting Media available. It is pure sodium bicarbonate so you have no additional environmental hoops to jump through. The manufacturing process gives a consistent, predictable product. With every shipment of Natrium 260 Soda Blasting Media, we receive an analysis report on that specific batch. We are happy to furnish this information to anyone. Use Natrium 260 Soda blasting Media with a Buster Blaster Soda Blasting system and you will be well on your way to being among the most productive and profitable soda blasters in the country!

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Natrium Soda Blast

Sodium Bicarbonate
from Natrium Products, Inc.

The following pricing applies to Baltimore, MD and Boston, MA regional warehouses only. Customer pick-up and delivery is available from both locations.

Natrium #260 Soda Blast Media (294 micron)

Single bag \$00.00. 1 to 2 pallets - \$00.00 per bag. 3 to 6 pallets - \$00.00 per bag.

Natrium #300 Soda Blast Media (340 micron)

Single bag \$00.00. 1 to 2 pallets - \$00.00 per bag. 3 to 6 pallets - \$00.00 per bag.

Bag weight = 50 lbs. 56 bags per pallet = 2,850 lbs. per pallet.

Freight is additional and soda is shipped from closest regional warehouse.

Note: Natrium #300 availability and distribution is limited. Call for more details.



Additional east coast warehouse locations include Richmond, VA. and Atlanta, GA.

Specifically designed as a blast media, Natrium Products brand sodium bicarbonate blast media is virtually un-matched in performance. The smooth flowing, additive free formulas produce superior results and many contractors report increased productivity, reduced media use and less dust.

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DIMENSIONS (BB100 mobile unit)

200" long - 55" wide - 59.5" high.

Weight: 3,250 lbs.

Above figures are approximations.

PAINT

Soda pot, bumper, brackets and air compressor are powder coated.

PLUMBING

All exterior plumbing is stainless steel and braided stainless steel.

EQUIPMENT WARRANTIES

John Deere Compressor Engine – 2 years or 2,000 hours.

Sullivan-Palatek Air Compressor (pump) - 3 years.

Soda Works Buster Blaster Soda Pot – 7 years.

Blast Hoses – 1 year.

Rotary Valve – 1 year.

Cooling Coils – 2 years (excluding freezing or puncture).

Nozzles – nozzles do not wear out.

SPECIAL NOTES:

Use of media other than the recommended Natrium Products brand soda blast media will result in faster-than-normal wear on the dead man safety valve (rotary valve) assembly and other parts of the system. By using non-approved media you assume full responsibility for its use and performance. You also assume full responsibility for any and all injury or damage that may occur during the operation or use of "The Soda Works" equipment in a manner not in conformity with the manufacturers operating instructions. To prevent injury to operators or spectators, or damage to property, "The Soda Works" reiterates its requirement that only approved, tested media be used in "The Soda Works" sodablaster. "The Soda Works" will not be responsible for any sodablaster parts or system not used in conformity with referenced instructions. Pricing subject to change without prior notice.

After any type of wet or dry blasting of non-porous surfaces, we recommend the use of HoldTight Solutions Inc. Hold Tight Solutions, Inc. develops, makes, sells, and services surface preparation solutions (additives that solve problems) for the coatings industry worldwide -- for wet abrasive and water blasting and after dry blasting. HoldTight® 102 flash rust inhibitor / salt remover has set the standard of performance for more than a decade. Just ask Sherwin-Williams or Tnemec or Carboline or PPG or Keeler & Long or Ameron or Hempel or Sigma or Dampney or Wasser or most any other coating supplier. Contact Hold Tight Solutions, Inc. at 1-800-319-8802 or www.holdtight.com for technical information or Chesapeake Soda Clean, Inc. for purchasing details.

**BLASTING RESIDUE MUST BE REMOVED BEFORE APPLYING ANY
COATING! CONSULT AND FOLLOW ANY AND ALL COATINGS
MANUFACTURERS PRE-PAINT INSTRUCTIONS!**

MATERIAL SAFETY DATA SHEET
NATRIUM PRODUCTS CORTLAND, NEW YORK 13045 1-800-962-4203

**SODIUM BICARBONATE, BAKING SODA, CARBONIC ACID MONOSODIUM
SALT SODA BLASTING MEDIA FORMULAS 150,260,300
ISSUE DATE: January 17, 2005 SUPERSEDES: March 17, 2004**

- 1. INGREDIENTS:** Sodium Bicarbonate, CAS # 144-55-8, FORMULA NaHCO₃, PERCENT 100
- 2. HAZARD IDENTIFICATION: HMIS RATING NFPA RATING**
Key: 4 Severe, 3 Serious, 2 Moderate, 1 Slight, 0 Minimal
Health 0, Flammability 0, Reactivity 0, Protection E - Special None
HMIS "E" Rating = Safety glasses, gloves, dust respirator
There are no appreciable health or environmental effects associated with this material
- 3. FIRST AID: EYES:** Irrigate with flowing water immediately and continuously for 15 minutes. Consult a physician if necessary. **SKIN:** Wash off in flowing water or shower. If necessary, consult physician. **INGESTION:** Seek medical attention immediately if overdose is taken. **INHALATION:** Remove to fresh air. Seek medical attention if discomfort persists. **NOTE TO PHYSICIAN:** Large doses, particularly in patients with renal insufficiency, have produced systemic alkalosis and/or expansion in the extra-cellular fluid volume with edema.
- 4. FIRE AND EXPLOSION HAZARD DATA: FLASH POINT:** Non-combustible
FLAMMABLE LIMITS: Not Applicable **EXTINGUISHING MEDIA:** Non-combustible
FIRE & EXPLOSION HAZARDS: None
FIRE FIGHTING EQUIPMENT: Evolves carbon dioxide when heated. Carbon dioxide is an asphyxiant and self-contained breathing apparatus is necessary if large quantities are involved. Sodium bicarbonate decomposes on heating resulting in formation of sodium carbonate (soda ash), which is an irritant. Avoid contact and inhalation of soda ash.
- 5. ACCIDENTAL RELEASE MEASURES** sweep up into clean dry containers for salvage or disposal. Wash away uncontaminated residue with water.
- 6. HANDLING & STORAGE** Store in a cool, dry place away from any incompatible materials.
- 7. EXPOSURE CONTROL/PERSONAL PROTECTION** Provide general and/or local exhaust ventilation to control airborne dust.

Personal Protection (for dusty conditions)

Eyes & Face: Safety glasses for dusty conditions. Respiratory: NIOSH approved dust mask.

Miscellaneous: Full cover clothing, general purpose gloves.

8. PHYSICAL DATA: APPEARANCE: White crystalline powder **SPECIFIC GRAVITY:** 2.2

MELTING POINT: Decomposes **VAP PRESS:** Not Applicable **SOL. IN WATER:** Moderate

ODOR: Odorless **pH (1% solution)** 8.2 **BOILING POINT:** Not Applicable **VAP DENSITY:**

Not Applicable

MOLECULAR WGT. 84.02

9. STABILITY & REACTIVITY:

STABILITY: Stable below 150F.

INCOMPATIBILITY: Reacts with acids forming a salt, water and carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and soda ash.

HAZARDOUS POLYMERIZATION: Will not occur.

10. TOXICOLOGICAL INFORMATION:

Acute effects of overexposure: Sodium bicarbonate is generally recognized as safe (GRAS) for humans and animals. No significant toxicity is expected. Chronic effects of overexposure: Large doses, particularly in patients with renal insufficiency, have produced systemic alkalosis and/or expansion in the extra-cellular fluid volume with edema.

11. ECOLOGICAL INFORMATION

Bioaccumulation Potential: No bioaccumulation expected.

Comments: No significant environmental hazards expected.

12. DISPOSAL CONSIDERATIONS:

Dispose in accordance with pertinent federal, state and local regulations. Empty containers may be incinerated or discarded as general trash.

13. TRANSPORTATION INFORMATION:

Not regulated by the U.S. Department of Transportation

14. REGULATORY INFORMATION:

S.A.R.A. TITLE III SECTIONS 313(40 CFR 372) -Not applicable CERCLA (40 CFR 302.4) - Not applicable TSCA (40 CFR 710) - Listed OSHA (29 CFR 1910.1200) - Not hazardous Food and Drug Administration- Generally recognized as safe (GRAS) direct food additive (21CFR 184.1736).

15. REVISION SUMMARY

March 17, 2004 - Format change. Replaces MSDS dated December 22, 2000.

January 17, 2005 - Added Formulations. Replaces MSDS dated March 17, 2004

16. ADDITIONAL INFORMATION:

Maximum dose for drinking water corrosion and scale control 100mg/L as per ANSI/NSF 60 – 1988. This Material Safety Data Sheet is offered solely for your information, consideration, and investigation. Natrium Products, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or the completeness of the data contained herein.