

TRANSBRITE 7000

ALUMINUM SAFE PARTS WASHING DETERGENT

TECHNICAL DATA SHEET

TRANSBRITE 7000 is a 100% Active, ALUMINUM & MULTI-METAL SAFE, Alkaline Powdered Detergent engineered to produce superior cleaning results for the removal of the Toughest contaminants on all metal & plastic surfaces. 7000 performs in all SOLVENT-FREE, aqueous industrial parts washers from heated high-pressure spray cabinet & conveyORIZED systems to free standing manual and immersion type tanks.

BENEFITS

- Safe for use on Aluminum, Brass, Copper, Iron, Plastic, Rubber & Steel
- Environmentally Green by Eliminating the Need for Cleaning Solvents
- Low VOC, Biodegradable and Environmentally Safe
- Formulated with Advanced Anti-Foam & Corrosion & Rust Inhibitor Technology
- Excellent Rinseability Leaving Parts Clean, Bright and Residue Free
- Improves Sediment Testing of Cleaned Components
- Will NOT Darken or turn Aluminum Black
- Contains NO Silicone Based Ingredients that Interfere with New Coatings or Paint.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance _____	White Free Flowing Powder	Rinseability _____	Excellent
Odor _____	None	Water Solubility _____	Complete
pH (5%) _____	12.0	Mixing Reactivity _____	None

DIRECTIONS FOR USE

EQUIPMENT: TRANSBRITE 7000 can be used in all aqueous heated high-pressure spray wash cabinet & conveyor systems, manual & automatic immersion / agitation / soak tank cleaning systems and free standing "sink-on drum" type units. Operation of equipment should be done in accordance with the equipment manufacturer's instructions.

MAKE-UP & CONCENTRATION: TRANSBRITE 7000 bath make-up concentration can be adjusted to obtain the desired effective, consistent and economical cleaning performance

HEAVY-DUTY CLEANING: Add 2%-6% by weight of TRANSBRITE 7000. (Example on back page)

CABINET SPRAY WASHERS: 7000 can be mixed readily into the equipment's heated (140 degrees or higher) water-filled sump by two typical methods. First method, add the desired amount of 7000 onto the equipment's turntable (use tray or pan to hold powder if needed) or cabinet floor, close the door and operate the pump/sprayers for ten minutes to dissolve and mix the powder thoroughly. The second method is while the wash pump is activated, pour 7000 slowly over the pump in-take area and let mix for ten minutes.

CONVEYOR WASHERS: Carefully place the desired amount of TRANSBRITE 7000 on a tray or pan and convey the tray or pan to the proper location within the conveyor and stop the conveyor. Operate the pumps/sprayers for ten minutes to dissolve and mix the powder thoroughly. Another method for conveyor systems is to pre-mix and dissolve TRANSBRITE 7000 into a pail or drum. Once dissolved into solution, carefully add the mixture into the conveyors wash tank.

IMMERSION / AGITATION / SOAK TANK CLEANING SYSTEMS: Pre-mix and dissolve TRANSBRITE 7000 into a pail or drum. Once dissolved into solution, carefully add the mixture into the tank. This method will ensure that all powder is dissolved.

FOLLOW THE EXAMPLE BELOW TO DETERMINE GALLONS OF TRANSBRITE 7000

TRANSBRITE 7000 Volume Needed (lbs.) = Sump Capacity (Gallons) x 8.33 Pounds/Gallon x Desired Concentration (%)

TRANSBRITE 7000 Volume Needed (lbs.) = 50 Gallons x 8.33 Pounds/Gallon x .025 (2.5%) = 10.4 Lbs. of TRANSBRITE 7000

TEMPERATURE: 140 °– 210° F. Temperature above 140° F will eliminate excess foam.

WASH CYCLE/DWELL TIME: 5 – 45 Minutes depending on equipment used, TRANSBRITE 7000 concentration and level of contamination.

CARBON REMOVAL: For increased carbon removal, use TRANSBRITE TURBOCHARGE ADDITIVE. See TRANSBRITE TurboCHARGE Technical Data Sheet for use instructions.

FOAM CONTROL: While TRANSBRITE 7000 has Advanced Anti-Foam Technology built-in, equipment type & design, water quality, types of soils being cleaned, soil loading and operating temperatures below 140°, may increase the need for the use of TRANSBRITE FoamFREE Additive. See TRANSBRITE FoamFREE Technical Data Sheet for use instructions.

RINSING AND CORROSION & RUST INHIBITION: Equipment dependent, the use of clean, warm or hot tap water for spray rinsing is recommended to remove all residues and is highly beneficial when conducting part sediment testing. Spray water rinses should contact all parts surfaces for at least 60 seconds. The use of cold tap water for rinsing should be avoided due to lower rinsing efficiency and the cooling of the parts will diminish flash drying. If spray water rinsing is not possible, the use of one or more soak rinse tanks should be considered. If corrosion or “flash rust” becomes a problem, during or after drying, use TRANSBRITE RUSTFREE ADDITIVE as part of the final water rinse. See TRANSBRITE RustFREE Technical Data Sheet for use instructions.

DRYING: Parts should be dried thoroughly with techniques that physically remove rinse water from the substrate such as absorbent towel hand wiping, machine equipped forced air or air knife blow-off, hand-held compressed air blow-off or vacuum drying. Drying can affect residues and corrosion due to impurities left on the parts after evaporation. To minimize this and spotting on polished surfaces, employ one or more of the preceding methods to eliminate rinse water deposits from evaporation.

CONCENTRATION MANAGEMENT, REPLENISHMENT & BATH LIFE

Once the bath’s effective chemical concentration for TRANSBRITE 7000 has been developed and optimized, this concentration should be monitored, maintained and recorded on a routine and regular basis for continued optimal cleaning performance. Concentration Management can be accomplished easily with the help and use of the TRANSBRITE TESTKIT. The concentration of TRANSBRITE 7000 will normally decrease due to the cleaning of soils, liquid drag-out and to the replenishment of water due to evaporation. Once the desired concentration has been established, the exact replenishment amount of TRANSBRITE 7000 can be added back to the wash restoring and maintaining optimal cleaning performance. Continual recharging of the cleaning solution bath without proper tank drainage and cleaning will eventually lead to poor cleaning results and possible machine malfunction.

SAFETY AND HANDLING

Avoid contact with skin, eyes, and clothing. Protective gloves and eyewear are recommended. In case of contact immediately flush skin with plenty of water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately. Refer to MSDS for all other questions regarding safety and handling.

STORAGE

Dry, cool, indoor storage out of direct sunlight between 40°–100° F (5–38° C) is recommended. Store away from any incompatible materials and tightly close containers after use. KEEP FROM FREEZING.

DISPOSAL

Disposal of the materials referenced in this data sheet should be done in accordance to all applicable federal, state, and local regulations. The cleaning and rinse water solutions can contain components other than those present in the materials supplied. Analysis of the cleaning and rinsing solutions should be completed prior to disposal.

PACKAGING

Available In 10 Pound Hot Shot, 50 Pound Pails, 500 Pound Drums & 2,000 Supersac.

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