

# TRANSBRITE 9000

## ALUMINUM SAFE PARTS WASHING DETERGENT

### TECHNICAL DATA SHEET

TRANSBRITE 9000 is a highly concentrated, aluminum & multi-metal safe, liquid alkaline detergent engineered to produce superior cleaning results for the removal of the toughest contaminants on all metal & plastic surfaces. 9000 is aerospace approved and because of its potassium based formulation, free rinsing capabilities and electrical properties, it is ideal for cleaning aircraft parts & mechanisms, alternators, electrical motors, generators, traction motors and their related components. 9000 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.
- Sodium-Free Formulation Provides Low Electrical Conductivity.
- Contains NO VOC's, HAP's or Glycol Ethers and is Biodegradable and Environmentally Safe.
- Formulated with Advanced Anti-Foam & Corrosion Inhibitor Technology.
- Excellent Rinseability Leaving Parts Clean, Bright & 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.
- Aerospace Qualified. Conforms to Boeing D6-17487, Douglas CSD#1 and AMS 1526B.

#### PHYSICAL AND CHEMICAL PROPERTIES

Appearance _____	Clear Light Amber Liquid	Percent VOC _____	0%
Boiling Point _____	>212° F	Rinseability _____	Excellent
Odor _____	Negligible/Pleasant	Specific Gravity _____	1.24
pH (100%) _____	12.5	Water Solubility _____	Complete
pH (5%) _____	12.0	Bulk Density _____	10.5 Pounds/Gallon

#### DIRECTIONS FOR USE

**EQUIPMENT:** TRANSBRITE 9000 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 9000 bath make-up concentration can be adjusted to obtain the desired effective, consistent and economical cleaning performance.

**SPRAY WASH CABINET & CONVEYOR SYSTEMS:** For typical heavy duty cleaning, add 3%–8% by volume of TRANSBRITE 9000 to the equipment's heated water-filled sump and activate the pump for ten minutes to mix.

**IMMERSION/AGITATION / SOAK TANK CLEANING SYSTEMS:** For typical heavy duty soak tank cleaning, add 5%–10% by volume of TRANSBRITE 9000 to the equipment's heated water-filled tank and activate the pump, agitation cycle or mix thoroughly for ten minutes.

## **FOLLOW THE EXAMPLE BELOW TO DETERMINE GALLONS OF TRANSBRITE 9000**

**Sump Size x Percentage Make-Up = Gallons of TRANSBRITE 9000**

**500 Gallon Sump x .05 (5% Make-Up) = 25 Gallons of TRANSBRITE 9000**

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

**WASH CYCLE OR DWELL TIME:** 5 – 45 Minutes depending on equipment being used, TRANSBRITE 9000 concentration and level of contamination.

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

**FOAM CONTROL:** While TRANSBRITE 9000 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:** If corrosion or “flash rust” becomes a problem, during or after drying, use TRANSBRITE RustFREE as part of the final water rinse. See TRANSBRITE RUSTFREE ADDITIVE Data Sheet for use instructions.

## **CONCENTRATION MANAGEMENT, REPLENISHMENT & BATH LIFE**

Once the bath’s effective chemical concentration for TRANSBRITE 9000 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 9000 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 9000 can be added back to the wash restoring and maintaining optimal cleaning performance. Bath life can also be extended by physical filtration of particulates & soils, the cooling, settling and removal of sludge and the use of oil skimmers. 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 5 Gallon Pails, 55 Gallon Drums and 275 Gallon Totes.

**Allen Woods & Associates**

**2515 Clearbrook Drive Arlington Heights, IL 60005 – 847-806-4000 – Fax: 847-806-4010**

**www.allenwoodsgroup.com – www.transbriteclean.com – sales@allenwoods.com**