

High Quality
Aqueous Detergents,
Equipment & Supplies

TRANSBRITE™

*You are about to get
cleaner and greener!*

TRANSBRITE™

9000
ALUMINUM SAFE - LIQUID

TECHNICAL DATA SHEET

The **TRANSBRITE** Line of Detergents are Specifically Engineered to Exceed Cleanliness Standards in the Production Cleaning Of All Transmission, Torque Converter, Engine & Other Powertrain Components for the **REMANUFACTURER & REBUILDER**.

TRANSBRITE 9000 is a Highly Concentrated, **ALUMINUM SAFE**, Liquid Inhibited Alkaline Detergent engineered to produce superior cleaning results for the removal of the toughest automotive contaminants on all metal & plastic surfaces. **TRANSBRITE 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

- * Environmentally Green by Eliminating the need for Cleaning Solvents
- * 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 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.
- * Aerospace qualified. Conforms to Boeing D6-17487, Douglas CSD#1 and AMS 1526B.
- * Excellent with Ultra-filtration Systems

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 Pound/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. **TRANSBRITE 9000** has been used successfully in the following equipment: Aaladin, Acme-Fab, ADF Systems, A.R.E, Atec, Clean Products, Cincinnati, Continental, Cuda, EMC, FMT, Graymills, Guyson, Hayden, Hydro-Blast, Insta-Clean, Intercont, JRI, Kansas Instruments, Klee-Flo, Landa, LS Industries, Mart, Midbrook, Peterson Machine Tool, Precision Metal Work (PMW), Proceco, Renegade, Safety-Kleen, Storm Vulcan, Temco, Viking, among others. Operation of equipment should be done in accordance with the equipment manufacturer's instructions.

MAKE-UP & CONCENTRATION: For typical heavy duty powertrain cleaning, add 4%–8% by volume (5.1–10.2 fl. ounces/gallon) of **TRANSBRITE 9000** to the equipments heated water-filled sump and activate the pump for about three minutes to mix. **TRANSBRITE 9000** bath make-up concentration can be adjusted to obtain the desired effective, consistent, and economical cleaning performance.

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**ALLEN WOODS
ASSOCIATES, INC.**

2515 Clearbrook Drive • Arlington Heights, IL 60005

847-806-4000 • fax 847-806-4010 • www.allenwoods.com



DIRECTIONS FOR USE (continued)

FOLLOW THE EXAMPLE BELOW TO DETERMINE GALLONS OF TRANSBRITE 9000 NEEDED:

$$\text{TRANSBRITE 9000 volume needed (gallons)} = \frac{\text{Sump Capacity (gallons)} \times \text{Desired Concentration (fl. oz/gallon)}}{128 \text{ fl. oz/gallon}}$$

$$\text{Desired Concentration of 5\%} = 128 \text{ fl. oz/gallon} \times .05 = 6.4 \text{ fl. oz/gallon}$$

$$\text{TRANSBRITE 9000 volume needed (gallons)} = \frac{450 \text{ gallons} \times 6.4 \text{ fl. oz/gallon (5\% Make-up)}}{128 \text{ fl. oz/gallon}} = 22.5 \text{ gallons}$$

TEMPERATURE: 140 °–190° F. Temperature above 140° F will eliminate excess foam.

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

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**. See TRANSBRITE FoamFREE Technical Data Sheet for use instructions.

RINSING AND CORROSION INHIBITION: Equipment dependant, 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** 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.

TRANSBRITE 9000 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. See TRANSBRITE TestKIT Technical Data Sheet for use instructions.

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 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 totes.

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