

# TRANSBRITE 5000

## ALUMINUM SAFE PARTS WASHING DETERGENT

### TECHNICAL DATA SHEET

5000 is a Highly Concentrated Surfactant Based, ALUMINUM & MULTIMETAL SAFE, Alkaline Liquid Detergent engineered to produce superior cleaning results for the removal of the toughest contaminants specifically synthetic lubricants, oils & greases, cosmoline & other rust protective coatings and other tenacious contaminants. 5000 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

- Very Low Silicate
- Quickly Removes Heavy Synthetic Lubricants, Oils & Greases, Cosmoline Protective Coatings, Carbon Deposits, Mil Oils & Other Soils Encountered in the Manufacturing and Maintenance Applications
- Safe for use on Aluminum, Brass, Copper, Iron, Plastic, Rubber & Steel
- Formulated with Advanced Anti-Foam & Corrosion & Rust Inhibitor Technology
- Excellent Rinseability Leaving Parts Clean, Bright and Residue Free
- Contains NO Silicone Based Ingredients that Interfere with New Coatings or Paint
- Contains NO Deposit-Forming Silicates
- Will NOT Darken or Turn Aluminum Black
- Contains NO VOC's or HAP's
- Biodegradable and Environmentally Green

#### PHYSICAL AND CHEMICAL PROPERTIES

Appearance _____	Clear Liquid	Percent VOC _____	0%
Boiling Point _____	>212° F	Rinseability _____	Excellent
Odor _____	Negligible	Specific Gravity _____	1.03
pH (100%) _____	< 12.0	Water Solubility _____	Complete
pH (10%) _____	10.5%	Bulk Density _____	8.79 Pounds/Gallon

#### DIRECTIONS FOR USE

**MAKE-UP & CONCENTRATION:** 5000 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 4%–8% by volume (5.1–10.2 fl . ounces/gallon) of 5000 to the equipment's heated water-filled sump and activate the pump for about ten (10) minutes to mix.

**IMMERSION / AGITATION / SOAK TANK CLEANING SYSTEMS:** For typical heavy duty soak tank cleaning, add 5%–10% by volume (6.4–12.8 fl . ounces/gallon) of TRANSBRITE 5000 to the equipment's heated water-filled tank and activate the pump, agitation cycle or mix thoroughly for about ten (10) minutes.

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

## DIRECTIONS FOR USE (CONTINUED)

**WASH CYCLE OR DWELL TIME:** 5 – 45 Minutes depending on equipment being used, TRANSBRITE 5000 concentration and level of contamination.

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

**FOAM CONTROL:** While 5000 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.

**OIL SKIMMERS:** The use of oil skimmers on a continuous basis will reduce the defoamer concentration from solution.

**AUTOMATIC METERING PUMP:** Greater economy and consistent foam control can be achieved by automatically metering in small predetermined amounts of TRANSBRITE FoamFREE to the wash or rinse sumps on a low-dose, continuous basis. This method of application should match water/detergent additions, foam build and soil loading and will never allow foam to build. Contact your local TRANSBRITE representative to supply metering pump specifications.

**TEMPERATURE:** TRANSBRITE FoamFREE is temperature activated & controls foam at operating temperatures above 140°F.

## CONCENTRATION MANAGEMENT, REPLENISHMENT & BATH LIFE

Once the bath's effective chemical concentration for TRANSBRITE 5000 has been developed and optimized, this concentration should be monitored, maintained and recorded on a routine and regular basis for continued optimal cleaning performance. 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 (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.

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