DESCRIPTION:
TREADBRITE FOAM is an acidic cleaner containing a balanced blend of surfactants and acids. TREADBRITE FOAM is primarily intended for soak or foam applications on aluminum, mild steel, stainless steel and copper alloys to remove soil and scale buildup by simultaneously cleaning and brightening the surface through an etching action. It has a mild, pleasant scent compared to other acid products with a harsh odor.

TREADBRITE FOAM is outstanding for many industrial finishing operations.
- Removes rust blush, rust back, flash rust and other forms of oxidation.
- Excellent removal of plasma smoke residue from series 200, 300 and 400 stainless steel alloys while minimizing tramp, anodic iron corrosion cells.
- Foam cleaning to remove lime and other scale deposits from drain vestibules during the descaling of the bath stages of recirculating spray washers.
- Foam cleaning prior to conversion coating processes including removal of laser scale, heat treat scale, rust and weld marks and smoke residues.

PROPERTIES:
Appearance: Clear, amber liquid with a mild odor.
Specific Gravity: 1.16
pH (100%): 1.5 – 2.0
pH (1% by volume): 1.5 – 2.0
Metal Safety: Normally used to clean and etch aluminum, mild steel, stainless steel and copper. May produce an etch on glass. All uses of TREADBRITE FOAM should be pretested for effectiveness and safety prior to implementing into production.

Equipment:
The following materials are recommended for tank linings, pumps, piping, tubing, fittings and any other component that will be in long term or constant contact with TREADBRITE FOAM and its solutions: Teflon®, Viton®, Kynar® (PVDF), polypropylene to 72°F., and polyethylene to 72°F.

APPLICATION:
TREADBRITE FOAM can be used at 65°F to 180°F. at concentrations of 1 to 10% by volume with water. Foam, immerse, wipe, scrub or spray on metal, then rinse thoroughly with water. Contact time will vary with each operation, but 5 seconds to 5 minutes is a good starting point.

Acid cleaning of large surfaces should be done from the bottom-to-top of the part to minimize streaking effects. Then water rinse starting at the top of the part and working to the bottom. A high-pressure rinse is very effective, and the water temperature typically should be 90°F. maximum to prevent dry down before all soils have been removed. When rinsing TREADBRITE FOAM solution from bright aluminum surfaces, optimum results are obtained by utilizing a high-pressure rinse with clean, cool water.

Contact your Madison Chemical representative for details to fit your operation.

PRODUCT CAUTIONS:
DANGER! Causes burns to skin, eyes and alimentary canal. May be harmful if swallowed. Contains phosphoric acid, fluorides, dipropylene glycol methyl ether and 2-butoxyethanol. When handling, wear goggles, face shield, impermeable gloves and other equipment as required to avoid contact. Eyewash facility and emergency shower should be in close proximity.

EMERGENCY FIRST AID:
EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.