



TREO® SW-61

DuBois

Mildly Acidic Multi-Metal Spray Wash Cleaner

TREO®

DESCRIPTION:

TREO® SW-61 is a mildly acidic spray wash cleaner for ferrous and nonferrous metals. It removes light to moderate oily soils such as cutting fluids, pressworking fluids, rust inhibitors, and shop soils.

KEY PROPERTIES:

- Mildly acidic
- Low foaming at as low as 90°F (32°C), requiring low energy consumption
- Ideal when carryover to pretreatment stage is a concern
- Readily biodegradable
- Silicate and phosphate-free
- No HAP's or ODC's

TECHNICAL DATA:

Color and Appearance	Clear, Amber Liquid
Odor	Mild
Specific Gravity	1.065
Density	8.88 lb/gal
pH	5.2
pH (1% sol'n with tap water)	6.3
Elemental Phosphorous	0%
Silicone-Free	Yes

RECOMMENDED USE:

For spray wash applications, TREO® SW-61 is most effective at a concentration of 2-5% by volume. TREO® SW-61 is typically used in the temperature range of 90°F to 130°F (32°C to 54°C).

For maximizing part cleanliness, TREO® SW-61 should be followed by a clean water rinse. In every case, dry quickly to avoid flash rusting. If the parts are not going to be immediately painted, consult your DuBois representative for the appropriate rust preventative to meet your corrosion protection requirements. To maximize bath life, mechanically emulsified, free-floating oil should be skimmed or otherwise removed from the bath during any shut down period.

DISPENSING:

TREO® SW-61 can be easily dispensed and controlled. Consult your local DuBois representative for more information.

TEST METHOD:

Method for total acidity:

1. Measure 100 mL of TREO® SW-61 solution
2. Add 3-5 drops phenolphthalein indicator
3. Slowly titrate by adding 0.1N sodium hydroxide (NaOH) using a burette. Record the number of milliliters required to change the color to a pink endpoint
4. % concentration (v/v) = 0.9 x mL of titrant
5. Thoroughly rinse vial and sampling dipper after each use

This information is presented in good faith, but no warranty, expressed or implied is given. The final determination of the suitability of the products for the application contemplated by the user is the sole responsibility of the buyer. This is an uncontrolled copy and changes can be made to this document without notice.

Mildly Acidic Multi-Metal Spray Wash Cleaner

MATERIAL COMPATIBILITY:

TREO® SW-61 is safe to use with ferrous metals such as iron and steel and with nonferrous metals like aluminum, zinc, and galvanized.

The following materials of construction have been tested and determined to be safe for use with TREO® SW-61: Acetol Copolymer, Aflas, BUNA-N, CPVC, EPDM, Polyethylene LDPE, Polypropylene, Polyurethane, Polyethylene, PVC, Teflon (PTFE), Kynar (PVDF), and Viton.

The following materials of construction have been tested and determined to NOT be safe for use with TREO® SW-61: PVC-flexible tubing and hypalon.

SAFE HANDLING & STORAGE CONDITIONS:

Before handling and using, the Safety Data Sheet (SDS) should be read and understood by all personnel in contact with this product. If frozen, thaw and mix to make usable.

DISPOSAL:

Any disposal of this product should be in compliance with all federal, state, and local regulations. All industrial solutions may require some treatment before discharge. DuBois offers full-service disposal and compliance consultation, backed by a full range of treatment chemicals. Detailed information is available from your DuBois representative.

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Safety Data Sheet (SDS) information for all warnings, recommendation for safety equipment, and other regulatory information. Copies of the Safety Data Sheet information can be ordered by calling 800-438-2647.

EPA PARTNERSHIP:

DuBois Chemicals has an established partnership with the U.S. EPA to formulate safer chemical products. Products with the Safer Choice label help buyers identify and select products with safer chemical ingredients, without sacrificing quality or performance.



For more information, please visit www.epa.gov/saferchoice

EPA certification does not constitute endorsement of this product. The Safer Choice label or Design for the Environment logo signifies that the product's formula, as DuBois Chemicals has represented it to the EPA, contains ingredients that meet stringent EPA criteria for effects on human health and the environment. EPA relies solely on DuBois Chemicals, its integrity and good faith, for information on the product's composition, ingredients, and attributes. EPA has not independently identified, that is, via chemical analysis, the ingredients in the product formula, nor evaluated any of DuBois Chemicals non-ingredient claims. EPA provides its evaluation only as to the product's human health and environmental characteristics, as specified in the Safer Choice and Design for the Environment Standard and based on currently available information and scientific understanding.

