



TYSOL #101

PRODUCT

DESCRIPTION: **Tysol # 101** is an aqueous based detergent formulated to clean stainless steel rail cars and locomotives without harm to painted surfaces. This cleaner does contain a blend of surfactants formulated to penetrate carbonaceous soils and road grime. This cleaner contains no known carcinogens, heavy metals, phosphates, sulfuric, hydrofluoric, hydrochloric or phosphoric acids.

USE

INSTRUCTIONS: Concentrations of one (1) volume of **Tysol #101** to fifteen (15) volumes of water is the recommended dilution rate for normal soil. A concentration of one (1) volume of Tysol #101 to ten (10) volumes of water is recommended for heavy soil.

TECHNICAL

DATA: **Tysol #101** conforms to the following test:

- FLASH POINT: ASTM D 56
- BIODEGRADABILITY: ASTM D 2667
- pH RATING: ASTM E 70
- SUDSING TEST: FSN 536
- TOTAL IMMERSION CORROSION: ASTM F 483
- TOTAL SOLIDS: ASTM D-800, SEC. 51-52 AND 66-67

<u>Panel:</u>	<u>Cleaner Concentrate</u>	<u>Cleaner at 15:1 Dilution</u>
• AA6061-T6 Aluminum Alloy, Brushed	0.50	0.16
• A1S1-316 Stainless Steel	0.02	0.01
• A1S1 C-1010 Steel	0.22	0.12
• ASTM B-36 Brass	0.16	0.08
• ASTM B-152 Copper	0.14	0.08

<u>Property:</u>	<u>Specification:</u>	<u>Actual Results:</u>
Total Solids	10.0% Minimum	18.3%
Loss on Ignition	98.8% Minimum	99.0%

Results:

- Biodegradability: 70% Minimum 94% within 7 days