



ORANGE TOUGH® 40

natural solvent degreaser

Orange Tough 40 is a natural solvent-based degreaser formulated for the fast removal of difficult industrial-type soil and grease. Biodegradable and phosphate free, Orange Tough 40 provides a natural alternative to using petroleum distillates or chlorinated solvents. Formulated with 40% d-limonene, a natural solvent derived from citrus peels, Orange Tough 40 is tough on oily, greasy soils, yet safe on paint, aluminum, and other metals.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



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AUTHENTIC AND ACTIVE

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FEATURES

- Concentrated formula can be diluted to address a wide variety of organic soils from the kitchen to the industrial shop.
- Emulsifies and lifts-off oil, tar, adhesives, asphalt, and other petroleum-based soils
- Safe to use on vinyl tile, quarry tile, ceramic, concrete, aluminum, metal and other hard surfaces.
- Designed to quickly penetrate and clean away heavy soils, grease and carbon exhaust from aircraft, busses, trucks and other motorized vehicles.
- Removes rust-proofing overspray and transit coatings.
- Ideal solvent for dip tanks and black mark removal in machine and auto shops.

DIRECTIONS FOR USE (GENERAL CLEANING AND DEGREASING):

NOTE: Some individuals may be sensitive to ingredients in this product. Before use, read product label and MSDS sheet.

GENERAL CLEANING

Dilute Orange Tough 40, 1:10 (12 oz./gal. or 90 ml/l of water). Apply with automatic or rotary scrubber, mop, brush, sponge or sprayer. **Use solvent-resistant trigger sprayer or stainless steel sprayer.** When used on floors, pick up or rinse thoroughly to remove residue and prevent slipperiness. Flush out scrubber with plain water after use.

HOT DIP TANK/PRESSURE WASHER:

Use up to 60oC/140oF at 1:10 (12 oz./gal. or 90 ml/l of water) to 1:20 (6 oz./gal. to 45 ml/l of water).

SPECIFICATION DATA:

Total Active Ingredients - 65-70%
pH (Concentrated) - 9.0
Specific Gravity - 0.960 @ 24°C/75°F
Density - 7.99 lbs./gal. @ 24°C/75°F
Flash Point (Cleveland Open Cup) - 145°F
(Tag Closed Cup) - 124°F
Solvents - d-limonene
Viscosity - 25 cps
Stability:
a. Shelf @ 24°C/75°F - One year min.
b. Accelerated @ 49°C/120°F - 60 days min
c. Freeze/Thaw - Withstands a min. of 1 freeze/ thaw cycle.

Miscibility - Forms emulsion in all proportions of hot and cold water; emulsifies water insoluble solvents and oils.

Rinsability -- Rinses completely with hot or cold water and leaves no film.

Biodegradable and Phosphate free



Distributed by:

PACKAGING	
221555	55-gallon drum
221505	5-gallon pail
221603	1-quart (12 per case)



Label copy is available in both English, Spanish and French. Secondary labels are also

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture.



Product available worldwide. For institutional and industrial use only.

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