

Adsil, Inc. TECHNICAL DATA SHEET TS-45
MicroKleen™ Industrial Cleaner & Degreaser PLC-1

<p>DESCRIPTION:</p>	<p>MicroKleen™ PLC-1 is a concentrate formula, which provides deep penetrating and lifting action for removal of tough surface contaminants. With its penetrating cleaning action, it is effective on oily residues, surface soiling contaminants and mold spores. This innovative cleaner contains a unique blend of highly active components, which are very effective for cleaning at ambient temperature. This concentrate formula must be diluted with clean, hot water before use.</p>	
<p>WHERE TO USE:</p>	<p>HVAC/R Coils & Fins Hard Tile & Terrazzo Concrete & Pavers Non-ferrous Metals Pre-finished Siding Oxidized Paint Finishes</p>	<p>MicroKleen™ PLC-1 is an effective surface preparation cleaner for numerous interior and exterior surfaces; ceramic tile, terrazzo, aluminum, copper, brass, stainless steel, painted surfaces, concrete, etc; PLC-1 is also an excellent cleaner for the post maintenance of HVAC/R coils & fins.</p>
<p>PRODUCT FEATURES:</p>	<ul style="list-style-type: none"> • Helps dislodge microbial spore structures (mix with bleach) • Quickly cuts through & emulsifies grease & oil • Safe for cleaning painted surfaces (when properly diluted) • Concentrated strength formula • Deep penetrating & lifting cleaning action 	
<p>PRODUCT BENEFITS:</p>	<ul style="list-style-type: none"> • Eliminates the need for harsh chemicals • Safer to use than petroleum based cleaners • Will not damage paint finishes (when properly diluted) • Saves money & cleaning time • Lifts out tough contaminants with minimal labor 	
<p>DILUTION:</p>	<p>MicroKleen™ PLC-1 is packaged as a concentrate formula. Dilution of the cleaner with clean water is recommended, according to the following schedule:</p> <p>Ceramic Tile & Grout – 1 part PLC-1 to 1 part water Natural or Epoxy Terrazzo – 1 part PLC-1 to 1 part water Mold & Mildew Spores – 1 part PLC-1 to 5 parts water & 1 part bleach Polished Metal & Bright Works – 1 part PLC-1 to 20 parts water Un-polished Non-ferrous Metals – 1 part PLC-1 to 1 part water Painted Surfaces & Automotive – 1 part PLC-1 to 20 parts water Fiberglass Gel Coat – 1 part PLC-1 to 5 parts water HVAC/R Coils & Fins – 1 part PLC-1 to 1 part water Post Cleaning MicroGuard™ Clears – 1 part PLC-1 to 20 parts water</p> <p>These dilution ratios are good benchmark “rules of thumb”, based on extensive field applications. For very tough cleaning requirements, dilution rates can be altered accordingly and the addition of hot water (up to 175° F. maximum) will increase the cleaning efficiencies of MicroKleen™ PLC-1. Exercise caution when working with hot water and MicroKleen™ PLC-1 solutions. Always wear protective glasses, clothing and latex gloves.</p> <p>NOTE: <i>Always try the diluted cleaner on a small, inconspicuous area to determine the dilution ratio is correct for the cleaning requirement. Never exceed a 1:1 dilution strength.</i></p>	

FOR PROFESSIONAL USE ONLY

DIRECTIONS FOR USE:	<p>General Cleaning - Apply MicroKleen™ PLC-1 by low-pressure, pump up type sprayer or in the case of floor applications, by flooding the cleaner onto the surface. Allow the MicroKleen™ PLC-1 to 'work' for 3 to 5 minutes, then, rinse away the cleaner residue with clean water. If no drains are available, pick up the rinse water with a wet/dry vacuum. Repeat the process as necessary until the surface is clean and free from all contaminants.</p> <p>For large flooring surfaces, the use of a mechanical floor-scrubbing machine, with a black pad can be used in combination with MicroKleen™ PLC-1. For smaller flooring surface areas or for vertical cleaning requirements the use of a soft bristled scrub brush mounted on an extension handle can be used.</p> <p>MicroKleen™ PLC-1 can also be injected into a power washer. This method is ideal for large vertical surfaces or for cleaning roofing.</p> <p>In all cases, thorough water rinsing of the surface must be accomplished in order to remove cleaner residue prior to the application of MicroGuard® Clears.</p> <p><i>The surface to be coated also needs to be completely dry before proceeding to application of any of the MicroGuard® family of inorganic clear finishes.</i></p> <p>Bright Works – For cleaning bright work or other non-ferrous or stainless steel surfaces, flush the surface with clean water. Then, mist the PLC-1 cleaner onto the surface using a hand held atomizing bottle. Allow the cleaner to 'work' for 60 seconds. Scrub the metal with a non-aggressive Scotch Brite® pad and rinse with clean water. If the water sheets off the surface with no visual sign of beading water, the surface is clean. If beads of water are evident on the surface, repeat the cleaning process. Rinse water should uniformly sheet from the surface if it is free from contaminants. <i>Allow the surface to completely dry before proceeding to application.</i></p>
JOB SITE SAFETY:	<p>Wear safety glasses, latex gloves, protective clothing and a properly fitted carbon-filtered respirator (NIOSH/MSHA – Black Cartridge) when working with Adsil MicroKleen™ and MicroGuard® products. Always read specific label cautions and MSDS before working with these Adsil products. Always have MSDS on file and available at the job site.</p>
POST MAINTENANCE:	<p>Post Maintenance of MicroGuard® Clear Finishes – For most general post cleaning maintenance requirements of MicroGuard® clears and in order to ensure the best cleaning results without damaging the MicroGuard® film, use MicroKleen™ Industrial Cleaner & Degreaser PLC-1 diluted 1 part PLC-1 to 20 parts water. For difficult dirt and grime removal, incorporate the use of a soft bristled brush or sponge into the cleaning process. Flood the surface to be cleaned with diluted PLC-1, allow the cleaner to 'work' for 2 to 3 minutes, then, rinse liberally with clean water and let dry.</p>
SITE CONTAINMENT:	<p>Disposal of collected product, residues and clean up materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations pursuant to the use of MicroKleen™ PLC-1.</p>
TECHNOLOGY:	<p>Adsil, 1901 Mason Avenue, Suite 101, Daytona Beach, Florida 32117 USA PHONE: 386-274-1382 FAX: 386-274-1798 WEB: www.adsil.com</p>

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Advanced Siloxane Technology – Preserve, Prolong, Protect

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