



OAK KLEEN 340

GENERAL PURPOSE CLEANER CONCENTRATE

APPLICATIONS	<p>OAK KLEEN 340 is a liquid, alkaline spray/immersion cleaner for ferrous and red metals. OAK KLEEN 340 combines good detergency with built-in corrosion protection making it an excellent choice for both single stage and multiple stage cleaning systems. OAK KLEEN 340 will remove cutting oils, coolants, drawing/stamping lubricants, quenching oils and shop dirt from steel and copper alloys.</p> <p>OAK KLEEN 340 is recommended for:</p> <ul style="list-style-type: none">• Cleaning large or small metal parts after machining.• Cleaning parts after heat treatment process.• Ultrasonic cleaning of small parts.• Removing drawing/stamping lubricants after forming operations.• Vibratory Cleaning.• Removing mill and quench oils.
COMPETITIVE ADVANTAGES	<ul style="list-style-type: none">• High detergency and good metal wetting properties.• Used at low concentrations.• "Splits out" oils and other soils for maximum tank life and facilitates disposal procedures.• Provides short term indoor corrosion protection if <u>not</u> rinsed off.• Inhibits redeposition of soil on parts after cleaning.• Versatile - spray or immersion systems (hard or soft water).• Low temperature formulation (65 - 165°F)• Environmentally sound - does <u>not</u> contain silicates, phosphates, chelates, nitrates or solvents.• Safety - Moderate pH is mild and operator friendly.

<p>GETTING STARTED</p>	<p>FOR INDUSTRIAL USE ONLY</p> <p>OAK KLEEN 340 can be mixed with cold and /or hot water. The proper concentration will depend on method of application, temperature, exposure time, severity and composition of soil.</p> <p>Recommended starting dilutions as follows: <u>Spray washers</u> – 1-3% (1:100 - 1:33) by volume. 140-165°F. <u>Immersion washers</u> - 1-3% (1:100 - 1:33) by volume. 65 - 165°F. <u>Ultrasonic and Vibratory systems</u> – 1-3% (1:100 - 1:33) by volume. 65-165°F.</p> <p>Note: Do <u>not</u> rinse if corrosion protection is required.</p> <p>Add no other substances to the concentrate or mix unless approved by your OAK Representative. Not recommended for use with magnesium or alloyed magnesium.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear, characteristic Color available: Yellow Solubility in water: Complete at all proportions Weight, lb/gal, 60°F (15.6°C): 8.9 Specific gravity, (H₂O = 1): 1.07 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): N/A Extinguishing media: N/A Unusual fire & explosion hazards: None pH, concentrate: 10.0 pH, 1.0% mix, typical operating conditions: 9.0</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums and bulk containers.</p>
<p>For additional information concerning OAK KLEEN 340, refer to its OSHA MSDS or contact OAK INTERNATIONAL at 1-269-651-9790.</p> <p>WARRANTY: Oak International, Inc. will grant credit on any product which proves defective in material or workmanship as determined by us subject to the following conditions: all material is subject to our inspection prior to issuing credit; any refund will be adjusted based on the volume of product used; no credit will be granted for used or unused product(s) over one year old as determined by the batch number. The terms in this warranty do not in any way extend to any product thereof covered by this agreement, which has a life, under normal usage, inherently shorter than the one year period indicated above. Except as set forth expressly in writing herein, there are no other warranties express or implied in respect of any product. No warranty of merchantability or fitness for purpose shall apply.</p> <p>LIMITATION OF LIABILITY: Under no circumstances shall we or any affiliate of ours have any liability whatsoever for loss of use or for any indirect or consequential damages.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. 12/7/07 REV</p>	

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