



# PRODUCT DATA SHEET

PROD. #248

SHIELD'S ALL

OIL & GREASE REMOVER



## PRODUCT DESCRIPTION

Richard's Shield's All Oil & Grease Remover offers superior degreasing power and strength that extends from a patented ingredient that safely lifts grease away from virtually any surface without the use of solvents. It easily removes petroleum-based oils, vegetable and animal fats, along with dirt, soil and grime. Its special formula provides an industrial strength cleaner that removes contaminants by encapsulating each hydrocarbon molecule and lifting them away from the surface.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> <li>Neutral pH Formula</li> <li>Lifts Grease &amp; Oils</li> <li>Non-Solvent</li> <li>Low Foam</li> <li>Non-Corrosive</li> <li>Non-Emulsifying</li> <li>NSF Certified</li> <li>Concentrated</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR/EXTERIOR</b></p> <ul style="list-style-type: none"> <li>Concrete &amp; Masonry</li> <li>Brick</li> <li>Pavers</li> <li>Natural Stone</li> <li>Chattahoochee</li> <li>Wood</li> <li>Painted Wood</li> <li>Floors</li> <li>Asphalt</li> <li>Metal</li> </ul> <p><b>Great For Interior &amp; Exterior Use!</b></p>	<p><b>Product Quality:</b> Specialty</p> <p><b>Product Use:</b> Interior &amp; Exterior</p> <p><b>Application:</b> Brush, Roller, Mop, Pump-Up Sprayer</p> <p><b>Product System:</b> Water-Based</p> <p><b>Sheen:</b> N/A</p> <p><b>MPI Standards:</b> N/A</p> <p><b>VOC Compliance:</b> N/A</p>

## SURFACE PREPARATION

**GENERAL:** Cover and protect areas where cleaning is not desired, including adjoining surfaces where overspray may travel; keep protection in place during removal process. Polyethylene plastic and masking tape create an effective barrier. Nearby plants and other foliage should be covered during application and removal. On hot and humid days, or when working in direct sunlight, dampen the surfaces with water prior to applying **Shield's All Oil and Grease Remover** to keep the product from evaporating too quickly.

- PREVIOUSLY PAINTED SURFACES:** Always test a small area of the painted surface to confirm that there is no chemical reaction with the existing coating that may require repair. Testing before beginning the project is the best way to ensure product suitability and efficacy. This will also teach the user how to handle the product, gauge how to apply, and, determine how long it must remain in place (dwell time) before removing. Applying incorrectly, or, removing too quickly, may result in the need for more than one application, increasing your labor and material costs.
- MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or cleaner product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.
- SURFACE REPAIRS:** Repair/replace any damaged and/or delaminated surface areas with the proper recommended patching and/or building materials. Allow all patching materials to dry thoroughly before application of paint coatings.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

## TECHNICAL DATA

- FORM:** Liquid
- TOXICITY:** Non-Toxic
- VEHICLE TYPE:** Proprietary
- VISCOSITY:** Thin/Watery
- BOILING POINT:** 212° F
- FLASH POINT:** N/A
- WETTING ABILITY:** Excellent
- SOLUBILITY IN WATER:** Soluble
- BIODEGRADABLE:** 100%
- CARCINOGENS:** None
- VOLITILE BY VOLUME:** N/A
- NITRATE LEVEL:** 0%
- APPEARANCE & ODOR:** Clear / Mild Soapy Odor
- COLD STABILITY:** 30° F
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** Qts. – N/A | Gal. – 4/cs. | 5 Gal. - Each

**RECOMMENDED DILUTION RATIOS**

The following are recommended dilution ratios for various cleaning projects and jobs;

- **HEAVY DUTY DEGREASING**
  - 5:1 w/Water
- **GENERAL DEGREASING**
  - 10 – 20:1 w/Water
- **GENERAL CLEANING**
  - 30:1 w/Water
- **VEHICLE CLEANING**
  - 40:1 w/Water

**APPLICATION EQUIPMENT**

- Apply using a quality sponge, or combination nylon/polyester bristle scrub brush.
- Apply using a quality mop or a combination nylon/polyester bristle broom scrub mop.
- **Spray Application:**
  - Low pressure hand pump-up sprayer

**CLEAN UP & THINNING INSTRUCTIONS**

Clean up any minor spills and splatters immediately with water, as well as all cleaning tools and equipment.

**Thinning/Diluting:** Thin or dilute according to above recommendations.

**PRODUCT APPLICATION – General**

Richard's Shield's All Oil & Grease Remover may be easily applied with a quality sponge, brush, roller, mop, or low-pressure pump-up spray as follows;

- Stir or mix thoroughly before application.
- Based on type of cleaning project or job, dilute product with water in accordance with recommended dilution ratios.
- **Sponge/Brush Applications:** When applying by sponge or scrub brush, apply a generous amount of Shield's All Oil & Grease Remover to the surface are to be cleaned, agitate area with sponge or scrub brush and rinse well with water and allow to dry.
- **Mop/Broom Application:** When applying by mop or bristle broom scrub brush, apply a generous amount of Shield's All Oil & Grease Remover to the surface are to be cleaned, agitate the area thoroughly then rinse with well with water and allow to dry.
- **Spray Application:** When applying by spray equipment, use a low pressure pump-up sprayer and spray apply a generous amount of Shield's All Oil & Grease Remover to the surface area to be cleaned, then agitate the surface area as described above with a sponge, scrub brush, mop, broom, etc. Rinse thoroughly with water, and allow to dry.
- Rough or textured surfaces may need multiple applications to sufficiently remove contaminants.

**PRECAUTIONARY & SAFETY INFORMATION**

**FIRST AID:** If swallowed, drink two glasses of water. In case of eye contact, flush with water for two minutes. If symptoms persist seek medical advice. In case of skin contact, wash thoroughly with soapy water. **DO NOT TAKE INTERNALLY!**

**KEEP OUT OF REACH OF CHILDREN!**

**LIMITED WARRANTY**

Richard's Paint Mfg. Co., Inc. warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT MFG. CO., INC., EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

**LIMITATIONS**

Seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.

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