

# Material Safety Data Sheet



## Wrench Wrinser Cleaner/Degreaser Wipes

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### Section I: Product Identification

Product name: Wrench Wrinser  
Synonym: Presaturated Wipers  
Molecular Formula: Blended Product

### The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

**Health Hazards:** WRENCH WRINSER is an industrial chemical. We call it "environmentally preferred" because it is intended to replace products that are more hazardous, (1,1,1 trichloroethane, mineral spirits, MEK, etc.). This does not mean that it is completely harmless. It is strong enough to remove tough industrial soils, so it can irritate your skin. We suggest you wear gloves and avoid extended exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). For more exposure and first aid information, please read the complete MSDS.

**Flashpoint:** The flashpoint of the liquid on WRENCH WRINSER's is about 150 ° F. This represents the temperature that the liquid must reach before it emits fumes that will ignite. This is pretty hot, so combustion in ordinary use isn't likely, but it is possible. Treat all chemical products with caution and never use around fire, flame or hot work.

**Disposal:** In their purchased form, WRENCH WRINSER's are not considered a hazardous waste product. Once they are contaminated with whatever you are cleaning, the resulting mixture may fall under a hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you aren't sure how to dispose of this material, give us a call and we will help you make the right decisions.

### Section II: Chemical or Hazardous Components

Chemical Name: D-Limonene (Menthadiene)  
CAS No.: 005989-27-5  
Approx. wt. %: <9%  
Exposure: MREL – 100 ppm

\* Manufacturer's Recommended Exposure Limit

RCRA REGULATED: No  
CERCLA (superfund): Not Applicable  
ALL MATERIALS IN PRODUCT ARE TSCA LISTED.  
DOT regulated: No  
DOT haz. Class: Not applicable  
DOT Shipping Name: Not applicable  
DOT number: Not listed

### Section III: Physical Data

The following delineates the physical and chemical properties for the wiper presaturation solution, which is 100% by volume of d-limonene/surfactant solution:

Appearance & Odor: Milky emulsion; mild citrus odor.  
Boiling Point: 100 to 176°C.  
Evaporation Rate: <1  
Solubility In Water: Non - Miscible  
Specific Gravity (H2O=1): 0.993  
Vapor Density (AIR=1): Not Determined  
Vapor Pressure (psia.): <20 mm hg

### Section IV: Fire and Explosion Hazard Data

Flash Point (Method):  
Bulk Liquid (TCC) None  
Flammable Limits:  
LEL / UEL N/A  
Extinguishing Media:  
This material is not flammable under ordinary circumstances.  
Should the wipe ignite, extinguish with water or CO2.  
Special Fire Fighting Procedures:  
No special procedures required.

Unusual Fire & Explosion Hazards:  
None

## Section V: Reactivity Data

Stability: Stable

Conditions to Avoid:  
None Known

Incompatibility (materials to avoid):  
Strong oxidizers and/or strong acids.

Hazardous Decomposition:  
None Known

Hazardous Polymerization:  
Will Not Occur.

## Section VI: Health Hazard Data

Hazard by routes of exposure:

Ingestion:

Swallowing large amounts may be harmful by causing gastrointestinal irritation.

Eyes:

Irritant. Liquid contact will irritate eyes and may cause stinging, tearing, and redness.

Skin or Contact:

Prolonged exposure may cause mild irritation or redness.

First Aid:

Ingestion: If conscious, drink water and **do not** induce vomiting. Call medical personnel if necessary.

Inhalation: No emergency measures are considered necessary. Remove to fresh air.

Eyes: Irrigate immediately with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and water. Thoroughly clean contaminated clothes and shoes before re-use. If symptoms persist, seek medical attention.

Carcinogen: NTP – Not Listed  
IARC Monographs – None  
OSHA REGS – Not Regulated

## Section VII: Precautions for Safe Handling

HMIS Information:

Health – 1 / Reactivity – 0  
Flammability – 0 Personal Protection – B

HMIS Definition:

0 – Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Extreme  
“/” in the Health Category denotes material does not target any major organs.  
“\*” In the Health Category denotes material may target certain organs.

Eye Protection:

Safety glasses and splash protection required.

Protective Gloves:

Recommended for sensitive skin.

Respiratory Protection:

Not required under conditions of normal use.

Ventilation: No special ventilation required.

Other Protective Clothing: Not required under normal use.

Work Practices: No special precautions required, but avoid skin or eye contact. Treat this chemical with respect and follow all MSDS instructions.

## Section VIII: Control Measures

Spill Response: Spills are unlikely with presaturated wipers, because the wiper fabric absorbs the liquid solvent solution. In case of spill, contain the spill and eliminate its source. Take up and containerize for proper disposal as described under disposal considerations.

Waste Disposal Method: Product may be disposed of through incineration, if governmental regulations permit. Always contact a licensed, permitted treatment, storage and disposal facility to assure compliance with all local and state governmental regulations.

Precautions To Be Taken In Handling & Storing: Keep container closed. Store in a cool area away from oxidizers. Do not get in eyes. Avoid prolonged or repeated skin contact.

Other Precautions: Read and follow all label directions. Read MSDS before using product. Keep this and all chemicals out of the reach of children.

## Section IX: Part Number and Packaging

PART #	5181
Unit Size:	1 Case (35 resealable pouches)

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END OF MSDS