

### CITRIKLEEN PRODUCT LINE



**Citrikleen HD** is a patented blend of a natural hydrocarbon solvent (nonpetroleum), carbon removers and surfactants. It is specifically formulated to dislodge and reduce carbonaceous soils, gelled oils and grease masses into easily rinsed particles to leave a clean surface.

Requiring no heat, **Citrikleen HD** has a pleasing odor and high efficiency. Permitted to stand overnight, oils, greases and carbonaceous particles will rise to the top of the tank and may be skimmed off.

### FEATURES AND BENEFITS

- Biodegradable (after soil release)
- Effectively removes carbon
- Safer than conventional solvents
- Water dilutable
- Cleans a wide variety of soils
- Cost effective
- Safer for employees to use
- Pleasant to work with
- Effective as many petroleum and chlorinated solvents
- Eliminates need for multiple solvents

### Use procedures

**Citrikleen HD** may be used concentrated at ambient temperatures in immersion tanks, or at various dilution rates with water, depending on soil conditions.

SOILS		DILUTION	IMMERSION TIME
Grease & Carbon	<ul style="list-style-type: none"> <li>• Light</li> <li>• Moderate</li> <li>• Heavy</li> </ul>	<ul style="list-style-type: none"> <li>• 1:4 to 1:20</li> <li>• 1:2 to 1:10</li> <li>• 1:1 to 1:2</li> </ul>	<ul style="list-style-type: none"> <li>• 30 minutes</li> <li>• 2 to 4 hours</li> <li>• Overnight or longer</li> </ul>
<b>Solidified grease</b>		1:1 to 1:2	1 to 4 hours, depending on severity of soil. Some agitation may be required.
<b>Gelled oils</b>		1:1 to 1:5	30 to 90 minutes. Mild agitation will reduce tank time.
<b>Specialty lubes</b>		1:1 to 1:12 with mild agitation	4 hours to overnight

# CITRIKLEEN® HD

## HEAVY-DUTY SOLVENT DEGREASER

### PHYSICAL PROPERTIES

Appearance	Amber liquid
Odor	Citrus-wintergreen
pH	About 11
Freezing Point	About 30°F
Boiling Point	About 212°F
Flash Point	125°F PMCC, 155°F COC
Relative Density	0.97
Auto-Ignition Temperature	Not determined
Water Solubility	Emulsifies
Viscosity	10 to 30 CP at room temperature

### APPROVALS

United Airlines Exterior Aircraft	General Electric CT-882
AMS 1526A Exterior Aircraft	Pratt & Whitney hot metal corrosion
Douglas Aircraft CSD-1	Continental Airlines exterior cleaner
ARP 1755	General Electric engine cleaning, F101, F118, F110-129, 400 & 1004 engines

### INCOMPATIBILITY

Strong oxidizing agents.

### WAREHOUSING PRECAUTIONS

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Do not store near heat, sparks, open flame, or other ignition sources. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

### AVAILABLE SIZES

4 X 1 gallon Case

5 gallon Pail

55 gallon Drum

### FIRST AID MEASURES

**If in eyes:** Rinse cautiously with water for several minutes. If contact lenses present, remove them if easy to do. Continue rinsing for several minutes. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice. Penetone recommends that after any eye exposure and initial treatment a physician be seen immediately.

**If swallowed:** Rinse mouth. Immediately call a poison center, doctor, physician or other competent medical authority. Product presents an aspiration hazard. DO NOT INDUCE VOMITING.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice.

**If on skin:** Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used. Wash contaminated clothing before reuse. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice. If skin irritation or rash occurs: Get medical advice or attention.

**IMPORTANT:** Before using CITRIKLEEN HD, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).

### PERSONAL PROTECTION Security equipment



WHMIS



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