

## MILITARY / COMMERCIAL AVIATION



**Penair HD-4 RTU** is a biodegradable aircraft cleaner specifically designed for use on all types of aerospace equipment, including aircraft exteriors and aerospace ground equipment (AGE).

**Penair HD-4 RTU** is a mild liquid alkaline cleaner containing corrosion inhibitors and heavy duty surfactants that make it highly effective on the toughest of aircraft soils, including exhaust carbon, hydraulic oils, boot prints, and solid film lube. **Penair HD-4 RTU** replaces cleaners that contain toxic or environmentally harmful ingredients thereby allowing aircraft maintenance personnel to comply with stringent EPA and OSHA standards.

## FEATURES AND BENEFITS

- Non-toxic
- No petroleum or chlorinated solvents
- Heavy-duty cleaner
- Low VOC's
- Reduces hazardous waste
- Improves worker safety
- Improves aircraft appearance
- Reduces maintenance
- Non-corrosive to aerospace metals
- Reduces cleaning costs

### Use procedure

Shake container to mix content before use. Apply a small amount to the surface without allowing it to run. Wipe off with a clean cloth. In the sun, use a damp cloth to wipe off cleaner to prevent streaks.

# PENAIR® HD-4 RTU

## GEL TYPE AIRCRAFT CLEANER

### PHYSICAL PROPERTIES

Appearance	Clear to light yellow/amber liquid
Odor	Mild
pH	About 8.5
Freezing Point	About 32°F
Boiling Point	About 212°F
Flash Point (TCC)	None to boil
Relative Density	1.01
Auto-Ignition Temperature	Not determined
Water Solubility	Complete
Viscosity	10-30 CP at room temperature

### APPROVALS

MIL-PRF-87937D TYPE IV

### INCOMPATIBILITY

Strong acids or bases.

### WAREHOUSING PRECAUTIONS

Keep container tightly closed when not in use. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

### AVAILABLE SIZES

11 oz. (aerosol) (12 case)

24 oz. spray btl. (12 case)

### FIRST AID MEASURES

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists or develops: Get medical advice or attention. Penetone recommends that after any eye exposure a physician be seen immediately.

**If swallowed:** Rinse mouth. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

**If on skin:** Wash with plenty of water or a mild soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention.

### PERSONAL PROTECTION Security equipment



WHMIS



**IMPORTANT:** Before using **PENAIR HD-4 RTU**, 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).



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