

VACTREAT

Aircraft Vacuum Line Treatment

2225



DESCRIPTION

VACTREAT a thickened cleaner, blend of proprietary surfactants, sulphamic acid and biocides formulated to prevent the build-up of soil deposits in vacuum and recirculating toilet systems.

VACTREAT is highly effective to remove accumulated hard-water scale, organic waste materials and gummy deposits from pipes, pump equipment, toilet bowls and lavatory holding tanks.

VACTREAT is the ideal maintenance treatment which effectively reduces the risk of blockages.

APPLICATIONS



Developed alongside of British Airways, the design of **VACTREAT** is based on in depth chemical analysis of deposited material, taken directly from the vacuum lines of in-service aircraft, and effective cleaning in place technology.

Consultation with Boeing and in use experience had shown British Airways that the traditional system of acetic acid and crushed ice was ineffective and so research was jointly commenced between ORAPI, British Airways Maintenance Cardiff and British Airways QSD at London Heathrow. Constituent analysis of sampled deposits allowed ORAPI to construct a material that not only attacked all components of the soil build-up but removed the need for use of crushed ice.

Over 12 months of extensive trials on up to 32 aircrafts have proved the effectiveness of **VACTREAT** in maintaining aircraft vacuum lines in a clean and deposit free state. The use of **VACTREAT** has been adopted by British Airways as a standard procedure.

PRODUCT BENEFITS

- Effectively prevents soils build-up, limiting the narrowing of vacuum pipes and the risk of blockages.
- Attacks the protein base that binds the soil matrix and prevents adhesion of new deposits to pipes.
- Contains sulphamic acid to dissolves hard scale deposits and prevent closure of pipe diameter.
- Does not form environmentally polluting phosphate salts.
- Thickened adhesive properties, to increase contact time.
- Removes the need for the use of crushed ice to distribute the liquid around the tube.
- Allows in-place cleaning.
- Maintains toilet systems in good condition.

PHYSICAL PROPERTIES

Appearance.....	Liquid
Colour	Clear green bluish
Odour	Acid
Specific Gravity @ 20°C	1.064 ± 0.01
pH (neat).....	1.5
Flash Point.....	Non-flammable

Active substance :

Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, Chlorides (n° CAS 68424-85-1) = 1.59% (m/m).

APPROVALS / CONFORMANCES

- Airbus N.T.O.
- Boeing N.T.O.
- B.A.E.



Registered Consumer Products
Reference Number:
CPRE-2015-005097

DIRECTION FOR USE

Application of **VACTREAT** should be conducted approximately every seven days. Measure of two litres of **VACTREAT** into each toilet bowl and flush until the product is no longer visible.

In-Place Descaling of Toilet Systems:

Pour 2L of VACTREAT into each toilet. Use a brush to remove any stains or scale in the toilet bowl. Flush, to circulate VACTREAT through the bowl and pump, until the product is no longer visible. Application of VACTREAT should be conducted approximately every 7 days.

Workshop Cleaning of Toilet Parts:

Charge VACTREAT neat or diluted 1:1 with water in an acid-resistant tank. Immerse parts and allow to dwell until deposits have been loosened. When cleaning completed remove parts and rinse thoroughly with fresh water using spray or immersion method.

In Place Cleaning of Heavily Soiled Toilet System:

Drain lavatory holding tanks and flush with clean water. Pump VACTREAT full strength or diluted 1:1 with water, from a service vehicle into toilet holdings tanks to 2.5cm above the toilet valves. Clean flush ring with a brush to remove debris. Allow VACTREAT to remain in the tank as long as possible and periodically flush toilets to re-circulate the solution. Drain the solution and rinse holding tanks with fresh water.

Workshop Cleaning of Holding Tanks:

Charge tank with VACTREAT (full strength or diluted 1:1 with water). Allows to VACTREAT to penetrate soils. Mechanical agitation will reduce the soaking time. Drain solution and rinse with fresh water.

STORAGE & SAFETY

Two years, stored in closed original packaging in a cool and dry place. **HAZARDOUS.** Corrosive acidic liquid, Causes Burns to eyes, respiratory system and skin. Wear suitable eye/face protection & suitable gloves when handling. Avoid breathing mists and vapours. In case of accidental contact, flush area thoroughly with water. If irritation persists, seek medical attention. Do not take internally. Product reserved for professional use only. Use biocides with caution.

For further information please refer to the Material Safety Data Sheet.

PACKAGING

Ref: A-2225-I3..... Jerry can 2L x 6
Ref: A-2225-O2..... Pail 25L

WARRANTY

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