

Honey Bee Cleaner 60 TNP

An acidic liquid cleaner developed for removal of hard water scale from vacuum and recirculating aircraft toilet systems

Approvals

Honey Bee 60 TNP conforms to the following :AMS1640
AMS 1476B(partial)

Advantages

1. Effectively removes water scale and stains from stainless steel.
2. Allows for in-place cleaning, eliminating the need to remove toilet systems from the aircraft.
3. Can be applied directly to scale deposits for local cleaning.
4. Thin version of Honey Bee 60 for Cleaning the waste lines with negative pressure recirculation-soaking.
5. Safe on stainless steel, most plastics and good quality paint.
6. Non-flammable. Surfactants biodegradable
7. Regular cleaning will assist in maintaining toilet systems in good operating condition and help control odours offensive to the travelling public.

Use Procedures

In-place Descaling of Vacuum toilet Systems; Without Crushed-Ice Procedure

1. Place in each toilet bowl 2 liters (0.5 gallon) of Honey Bee 60 TNP.
2. Flush the toilets as many times as required to empty the bowl
3. Drain and service the waste tanks with lavatory deodorant.
4. Apply treatment every 7 to 10 days.

For local cleaning, apply toilet cleaner full strength to soil and scale using a plastic squeeze bottle.

McGean-Rohco (UK) Limited.

Qualcast Road, Lower Horseley Fields, Wolverhampton,
West Midlands, WV1 2QP, U.K.
Telephone: +44 (0) 1902 456563 Fax: +44 (0) 1902 457443
email: sales@mcgean-rohco.co.uk

CAUTION: BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE SAFETY AND HAZARD INFORMATION CONTAINED IN OUR MATERIAL SAFETY DATA SHEETS REGARDING THESE PRODUCTS. McGean Rohco (UK) Ltd. (the seller) presents the information contained herein without warranty and disclaims any liability arising from its use or misuse. Seller recommends use of the information and Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDED, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM.
© Manufactured and sold under license from McGean, Inc.

Use Procedures(continued)

In-place Descaling of Vacuum toilet Systems; Crushed-Ice Procedure

1. Place in each toilet bowl 2 liters (0.5 gallon) of crushed ice*.
2. Place in each bowl on top of the crushed ice 2 liters of Honey Bee 60 TNP.
3. Flush the toilets as many times as required to empty the bowl
4. Drain and service the waste tanks with lavatory deodorant.
5. Apply treatment every 7 to 10 days.

***Note: Ice cubes should be approximately 1 cm (0.5 inch) diameter as larger cubes may damage level detecting equipment in the holding tank**

Shop Cleaning of Toilet System Parts

1. Charge a #316 stainless steel or acid-resistant plastic tank with Honey Bee 60 TNP, undiluted or diluted with up to 1 part water.
2. Completely immerse part in Honey Bee 60 TNP solution at ambient temperature and allow to dwell until deposits have been loosened. Some agitation of the solution will speed removal.
3. When cleaning is complete, remove the parts and allow excess solution to drain back into the tank.
4. Rinse parts thoroughly with water using spray or immersion method

In-place descaling of Vacuum Waste Line system with negative pressure recirculation-soaking

Approved process using CEE BEE Cleaning Kit p/n CB2010-001

AIRBUS : A-318/319/320/321 AMM38-31-00-100-019-A
A-330/340 AMM38-31-00-100-817-A.

BOEING: 737-SL-38-032F; 747-SL-38-081-F; 757-SL-38-019-F
767-SL-38-045-F; 777-SL-38-019-F; 787-SL-38-002-F

1. Connect CEE BEE Cleaning Kit CB2011-001 to the aircraft waste line system per instructions of OEM Maintenance Manual and Cleaning Kit Operations Manual.
2. Operate and Close down the cleaning procedure per instructions of OEM Maintenance Manual and Cleaning Kit Operations Manual

McGean-Rohco (UK) Limited.

Qualcast Road, Lower Horseley Fields, Wolverhampton,
West Midlands, WV1 2QP, U.K.

Telephone: +44 (0) 1902 456563 Fax: +44 (0) 1902 457443
email: sales@mcgean-rohco.co.uk

CAUTION: BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE SAFETY AND HAZARD INFORMATION CONTAINED IN OUR MATERIAL SAFETY DATA SHEETS REGARDING THESE PRODUCTS. McGean Rohco (UK) Ltd. (the seller) presents the information contained herein without warranty and disclaims any liability arising from its use or misuse. Seller recommends use of the information and Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDED, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM.
© Manufactured and sold under license from McGean, Inc.

In-place descaling of Vacuum Waste Line system with negative pressure recirculation-soaking

Some Notes :

Accumulated waste in the waste lines often contains residues of soap and detergents. During circulation some foaming of the Honey Bee 60TNP liquid might occur.

Add 50 to 100 ml of Honey Bee 60 De-foamer to the holding tank of the CEE BEE Cleaning Kit.

Addition of De-foamer might be required frequently.

Add to the final water rinse 50 ml Honey Bee 20c liquid deodorant or 1, 40 gram Honey Pak 44 sachet. Drain rinse water when blue liquid returns.

Descaling and cleaning potable water tank

1. Use Honey Bee 60 TNP as received or diluted at 30 to 50%
2. Charge tank with Honey Bee 60 TNP solution.
3. Agitation will increase the descaling efficiency.
4. Allow Honey Bee 60 TNP to remain in tank till all scale has been dissolved; 4 to 12 hours maximum.
5. Drain the solution from the tank and rinse with clean water.
6. Rinse till pH of rinse water leaving the system is same as the pH of the rinse water from the source.
7. Recahрге ptable water tank with fresh drinking water and CEE BEE Santabs 2007 tablets.

Descaling and cleaning Coffee makers

1. Use Honey Bee 60 TNP diluted at 10 to 25 %.
2. Fill Coffee maker reservoir with Honey Bee 60 TNP cleaning solution; prevent contact with electrical elements.
3. Agitation will increase the removal effectivity.
4. Allow Honey Bee 60 TNP to remain in tank till all scale has been dissolved; 1 to 4 hours maximum.
5. Drain the solution from the tank and rinse with clean water.
6. Rinse till pH of rinse water leaving the system is same as the pH of the rinse water from the source

McGean-Rohco (UK) Limited.

Qualcast Road, Lower Horseley Fields, Wolverhampton,
West Midlands, WV1 2QP, U.K.
Telephone: +44 (0) 1902 456563 Fax: +44 (0) 1902 457443
email: sales@mcgean-rohco.co.uk

CAUTION: BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE SAFETY AND HAZARD INFORMATION CONTAINED IN OUR MATERIAL SAFETY DATA SHEETS REGARDING THESE PRODUCTS. McGean Rohco (UK) Ltd. (the seller) presents the information contained herein without warranty and disclaims any liability arising from its use or misuse. Seller recommends use of the information and Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDED, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM.
© Manufactured and sold under license from McGean, Inc.



Product Data Sheet

Page 4 of 4

Properties

Blue liquid with no odour. No flash point up to and including initial boiling point 100°C.

Honey Bee Lavatory Deodorants

The Honey Bee toilet deodorants, as listed below, are blue in colour and pleasantly scented.

Honey Bee Deodorant 20:Quaternary amine base liquid. Concentrated.

Honey Bee Deodorant Pak 40:Quaternary amine base powder contained in water soluble packs.

Precautions

CAUTION! Honey Bee 60 TNP is not safe for use on high strength steel, zinc or magnesium.

Storage and handling equipment should be constructed of 316 stainless or acid resistant plastic materials, such as fibreglass, polypropylene or polyethylene.

During operation of the CEE BEE Cleaning kit proper protection gear must be worn.

In case of spillage use CEE BEE A-18S or Honey Bee 50 to clean hands and equipment

CAUTION: BEFORE USING ANY OF THESE PRODUCTS YOU MUST BECOME COMPLETELY FAMILIAR WITH THE SAFETY AND HAZARD INFORMATION CONTAINED IN OUR MATERIAL SAFETY DATA SHEETS. THIS IS AN UNCONTROLLED COPY.

McGean-Rohco (UK) Limited.

Qualcast Road, Lower Horseley Fields, Wolverhampton,
West Midlands, WV1 2QP, U.K.

Telephone: +44 (0) 1902 456563 Fax: +44 (0) 1902 457443
email: sales@mcgean-rohco.co.uk

CAUTION: BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE SAFETY AND HAZARD INFORMATION CONTAINED IN OUR MATERIAL SAFETY DATA SHEETS REGARDING THESE PRODUCTS. McGean Rohco (UK) Ltd. (the seller) presents the information contained herein without warranty and disclaims any liability arising from its use or misuse. Seller recommends use of the information and Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDED, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM.
© Manufactured and sold under license from McGean, Inc.