Aviation Essentials

The right product at the right place
High Technology Solutions for Maintenance, Repair and Overhaul of Aircrafts
Exterior washing

Silicone Free Polish
Dry Wash Cleaner & Polish

A 1122 J1
SL x 4

Aviokleen I
Economical Exterior Cleaner

A 4423 O2
25L
A 4423 U2
205L

Aviokleen II
Concentrated Exterior Cleaner
Viscous water based cleaner for the removal of soils from exterior aircraft surfaces. Suitable for wet wash and dry cleaning applications: flap bays, wheel wells, fuselage etc. Safe on all exterior and painted surfaces. Residue free. Non-flammable.

A 4935 O2
25L
A 4935 U2
205L

Aviokleen HD
Thickened Heavy Duty Cleaner

A 4553 O2
25L
A 4553 U2
205L

Glass act
Window Cleaner
Ammonia free mirror and window cleaner. Quickly removes dirt and soil from glass and glazed surfaces leaving sparking surfaces without buffing or polishing. No streaking or smudging. Safe on surrounding paintwork and furniture. Non-flammable.

A 3180 F6
500ML x 6 (RTU)
A 3180 J1
SL x 4

Sunshine
General Purpose Cleaner
Premium grade universal detergent that works effectively on all aircraft interiors surfaces: galley, toilets, walls etc. Harmless to all metals, paint, fabrics, glass, rubber etc. Non-slip finishing, rinses right away. Spray, Swab or Wipe OnOff. Non-toxic. Non-flammable.

A 3220 J1
SL x 4
A 3220 O2
25L
A 3220 U2
205L

Relion
Interior Polishing Cleaner
Premium quality polishing cleaner which give an outstanding shine to hard surfaces in aircraft interiors. Suitable for all surfaces including leather and naugahyde seats, laminate, plastic and polycarbonate surfaces. Dries to a non-greasy finish, delicate fragrance, non-flammable. pH: 7.7 ± 0.3

A 3952 F6
500ML x 6
A 3952 J1
SL x 4

Kleenzyme
Biological Multi-surface Cleaner / Deodorizer
Liquid cleaner based on micro-organisms and enzymes designed to clean and deodorize cabin, seats upholstery, carpets, toilet floors, vomit etc. Prevents pipes blockages and malodours caused by the accumulation of organic deposits and bacteria due to the disposal of beverages, coffee, milk, juice and carbonated drinks in galley line. Preventative daily treatment reduces the need for mechanical cleaning. Non-corrosive. Colour: Opaque light green, pH: 7.5 ± 0.5

A 7883 F6
500ML x 6
A 7883 J1
SL x 4

Cabin interior

A 3180
Window Cleaner
Ammonia free mirror and window cleaner. Quickly removes dirt and soil from glass and glazed surfaces leaving sparking surfaces without buffing or polishing. No streaking or smudging. Safe on surrounding paintwork and furniture. Non-flammable.

A 3180 F6
500ML x 6 (RTU)
A 3180 J1
SL x 4

A 4553
Thickened Heavy Duty Cleaner

A 4553 O2
25L
A 4553 U2
205L

A 7883
Biological Multi-surface Cleaner / Deodorizer
Liquid cleaner based on micro-organisms and enzymes designed to clean and deodorize cabin, seats upholstery, carpets, toilet floors, vomit etc. Prevents pipes blockages and malodours caused by the accumulation of organic deposits and bacteria due to the disposal of beverages, coffee, milk, juice and carbonated drinks in galley line. Preventative daily treatment reduces the need for mechanical cleaning. Non-corrosive. Colour: Opaque light green, pH: 7.5 ± 0.5

A 7883 F6
500ML x 6
A 7883 J1
SL x 4
### Component overhaul

#### Wheelie Wheel and brake Cleaner

Concentrated degreaser for oil and grease removal. Use in immersion or agitation tanks, spray washing or manual cleaning. Safe on most metals, paints and plastics surfaces. Recommended for all components and engine parts, landing gears, wheel hubs etc. Suitable for galley ovens and surrounding. Non-flammable.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 4204 O2</td>
<td>25L</td>
</tr>
<tr>
<td>A 4204 U2</td>
<td>205L</td>
</tr>
</tbody>
</table>

#### Solvent wipes I Non Flammable Cleaner

Low odour solvent, designed to degrease and remove light & heavy soils from component and engine parts, electrical & electronic systems. Effective on brake, wheel bay areas, control flaps etc. Safe on aircraft metals with care on some paint and plastic surfaces. Leaves no residue. Suitable for immersion, wipe or spray application. Non-flammable.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A 8000 O2</td>
<td>25L</td>
</tr>
<tr>
<td>A 8000 U2</td>
<td>205L</td>
</tr>
</tbody>
</table>

#### Solvent wipes II Fast Dry Cleaner

Quick drying solvent. Removes dust, oil, grease and general soils from component and engine parts. Effective on brake, wheel bay areas, control flaps etc. Safe on aircraft metals with care on some paint and plastic surfaces. Leaves no residue. Use as supplied for cleaning by hand or immersion. Non-flammable.

<table>
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</thead>
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<tr>
<td>A 8300 O2</td>
<td>25L</td>
</tr>
<tr>
<td>A 8300 U2</td>
<td>205L</td>
</tr>
</tbody>
</table>

#### Silicon-off Adhesive Cleaner

Water soluble solvent, for removal of silicone sealants, adhesives & resins from aircraft components in cold tank applications. Safe on magnesium, titanium and other metals. Can be rinsed with water or solvent. Non-flammable.

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<thead>
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<tr>
<td>A 2329 O2</td>
<td>25L</td>
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</table>

### Waste line maintenance treatment

#### Vactreat Toilet Line Descaler

Acid based detergent cleaner effective to prevent the build-up of soil deposits in vacuum toilets systems. Prevents the narrowing of vacuum pipes and reduces the risks of blockage. Application should be conducted every seven days.

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<tbody>
<tr>
<td>A 2225 I2</td>
<td>3L x 6</td>
</tr>
<tr>
<td>A 2225 O2</td>
<td>25L</td>
</tr>
</tbody>
</table>

#### Noviruclean Viricidal Sanitiser


<table>
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<tr>
<th>Product Code</th>
<th>Volume</th>
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</thead>
<tbody>
<tr>
<td>A 3471 F6</td>
<td>500ML x 6 (RTU 1/30)</td>
</tr>
<tr>
<td>A 3471 O2</td>
<td>25L</td>
</tr>
</tbody>
</table>

#### Novirusol Viricidal Liquid Toilet Treatment

Pleasantly perfumed liquid for effective odour control in recirculating & vacuum toilet systems. Viricidal action against Hep B, HIV (AIDS), Herpes Simplex, Bacterial against gram positive and negative strains. Non-flammable. Dilution: 1:200 for initial treatment, then 1:1000. Colour: Dark blue, Odour: Fruity floral, pH (0.5%): 9.5 ± 0.2

<table>
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<tbody>
<tr>
<td>A 3479 J1</td>
<td>5L x 4</td>
</tr>
<tr>
<td>A 3479 O2</td>
<td>25L</td>
</tr>
</tbody>
</table>

#### Novirusac gel Viricidal Toilet Sanitiser


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<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 3466 H5</td>
<td>20gm x 200 (water soluble sachets)</td>
</tr>
<tr>
<td>A 3466 H7</td>
<td>40gm x 96 (water soluble sachets)</td>
</tr>
<tr>
<td>A 3466 O2</td>
<td>25L</td>
</tr>
</tbody>
</table>

#### Novirusol Liquid Toilet Treatment


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<td>A 2329 O2</td>
<td>25L</td>
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</tbody>
</table>
Paint stripping/Corrosion Inhibitor Compound cleaning

Engikleen Immersion Alkaline Deruster & Descaler

Powdered caustic cleaner. Removes rust, heavy carbon deposits, a host of organic coating and heat modified metallic oxides from ferrous metals. Used as one of a multi-stage cleaning process for the removal of heat scale and oxide formations from high temperature alloy jet engine components.

- A 5840 S5: 20KG
- A 5840 U1: 200KG

Immerkleen Immersion Alkaline Cleaner / Inhibited rust remover

Concentrated acidic cleaner for effective removal of rust from iron and steel and conditioning scale for subsequent removal treatment. Removes “white-rust” from galvanised and aluminium surfaces. Cleaning process should be preceded by alkaline permanganate (A 5770) or alkaline (A 5840) treatment. Concentration: 30% - 50% v/v, Colour: Colourless

- A 2690 O2: 25L
- A 2690 U2: 205L

Scalite Immersion Alkaline Permanganate Scale Conditioner

Powdered sulphamic acidic cleaner. Effective for removal of complex metallic scales from jet engine components in part of a multi-stage process. Treatment should be preceded by alkaline rust remover (e.g. A 5840).

- A 2751 S5: 20KG
- A 2751 U1: 200KG

Scalex Immersion Alkaline Perchloric Acid Conditioner

Powdered perchloric acid cleaner. Used as one part of a multi-stage process for the removal of complex metallic scales from jet engine components. Used subsequently to alkaline (A 5840) or acidic (A 2690). Safe on steel and other relevant metals. Non-flammable.

- A 5770 S5: 20KG
- A 5770 U1: 200KG

D 3062 Y UltraTak XL Heavy Yellow Cleaning Wipe for finishing & Painting Operations

Resin impregnated textile cleaning wipe, designed to remove & collect dust, dirt, fibres, hair and other particles from prepared surfaces prior to finishing, painting or enhancement. Non-woven polyester, lint free, High dirt absorbency, prevents re-deposition of dirt. Contains no solvent. Strong, tear resistant.

- Size (unfolded): 40cm x 60cm
- Cloth weight: 52g/m²
- Colour: Yellow

- Approvals/Conformances: AIRBUS CMS 9352697827

A 8770 Carbex Decarboniser/paint stripper concentrated

Powerful 2 phases solvent system, designed to remove carbonised oil and grease, paint, rubber moulds, adhesives and synthetic finishes from components and engine parts. Safe on all metals. Use by immersion at ambient temperature without agitation. Non-flammable. Colour: Dark Brown

- A 8770 U2: 205L

A 8293 Citrikleen X520 Environmentally Friendly CIC Remover

Viscous liquid, designed to remove polyurethane, epoxy, enamel & coating from aircraft exterior painted surfaces. Quickly dissolves oils, greases, adhesives and waxes from aircraft components. Recommended for removing corrosion inhibition compound as well as contact adhesive on aircraft surfaces. Safe all metals with care on some paint and plastic surfaces. Leaves no residue. Use as wipe on/wipe off or by tank immersion.

- Colour: Clear colourless
- Flash Point: 45°C (TCC)

- Approvals/Conformances: Boeing D6-17487 Rev. P

- A 8293 J1: 5L x 4
- A 8293 O2: 25L

Engine overhaul

A 5840 Alkaline deruster & descaler

Immersion Corrosion & Scale Remover

Powdered caustic cleaner. Removes rust, heavy carbon deposits, a host of organic coating and heat modified metallic oxides from ferrous metals. Used as one of a multi-stage cleaning process for the removal of heat scale and oxide formations from high temperature alloy jet engine components.


A 5770 S5
A 5770 U1

A 2690 Immerkleen

Immersion Alkaline Deruster & Descaler

A 5770 S5
A 5770 U1

A 8770 U2

A 2690 U2

A 2751 S5
A 2751 U1

A 5770 S5
A 5770 U1

A 8770 U2

A 8293 J1
A 8293 O2

A 2751 S5
A 2751 U1

A 8770 U2

A 8293 J1
A 8293 O2

A 8770 U2

A 8293 J1
A 8293 O2
Since 1942, APPLIED - ORAPI Group has been understanding and anticipating the requirements of the aviation industry. Providing mechanical and maintenance engineers, Technologically Advanced Solutions, to improve process cleaning efficiency and reduction of operation costs without compromising quality and standards.

Conformance

The high quality and manufacturing standards of APPLIED products are continually confirmed by major O.E.M. corporations (Goodrich, Boeing, Allied Signal, Honeywell, G.E., Pratt & Whitney, Rolls Royce etc), and tested by independent certification bodies, such as: ISO standards - 9001 & 14001, military standards - NATO, US MIL, aeronautic standards - ASNA, AIMS, AMS, BOEING D6.

These audits and certifications often award APPLIED the top grades, while respecting the standards of high quality in terms of products and technology.

International Network

With a distribution coverage in more than 150 countries and manufacturing facilities in major continents. ORAPI is positioned to provide the necessary local support and expertise resources backed by a global International Organization.

Safety & Environment

ORAPI is committed to ensure safety and developing products that are environmental friendly. Our goal is to provide technological innovations which are safe to the public health and maintaining the quality of the environment.

"In a market characterized by a constant stream of aviation products, innovation more than ever is the key to success. Research has always been and will continue to be our strategic priority to safeguard our future."

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