

# Ardrox<sup>®</sup> 6085

## AIRCRAFT EXTERIOR CLEANER

### 1 Description

Ardrox<sup>®</sup> 6085 is a heavy duty, water-based cleaner free from hydrocarbon solvents which has been thickened to allow aircraft cleaning operators to achieve the very best results in the easiest possible manner.

Ardrox<sup>®</sup> 6085 is the easy, safe answer to effective cleaning of the traditionally difficult problem areas such as exhaust tracks, smoke areas, engine nacelles, under wing flaps, landing gear and wheels/wheel bays.

Ardrox<sup>®</sup> 6085 is also a very suitable and effective wipe on/wipe off cleaner and even finds application in the workshops as a convenient alternative to soak tank cleaning processes for dirty parts.

#### Approvals & conformances

✓ Boeing	BAC 5744, BSS7432
✓ GE Commercial Engines	SPM 70-80-4, Ref. C04-209
✓ Honeywell	HTF 7000
✓ International Aero Engines	V2500
✓ Pratt & Whitney	SPM 70-12-00, SPMC 110
✓ Rolls Royce	Overhaul Material OMat 1/264B
✓ Airbus	CML 08ABC1 & 08ABD1
✓ SAE	ARP 1755, AMS 1526, 1530, 1533

Ask your Chemetall representative for a complete list of approvals.

### 2 Physical and chemical properties

Property	Typical Value
Appearance	Clear, fluorescent yellow/green viscous liquid
Density	approx. 1.01 g/cm <sup>3</sup>
pH value	12.2 @ 20 °C (undiluted)

These are typical values only and do not constitute a specification.

### 3 Method of use

Ardrox<sup>®</sup> 6085 is recommended for application to difficult areas before conventional shampooing although it can be used as a spot cleaner used undiluted.

Ardrox<sup>®</sup> 6085 is best applied by spraying through suitable spray equipment and left to dwell for 10 to 15 minutes prior to brushing and removal.

### 3.1 General Wet Washing

Mix 1 part of Ardrex® 6085 with 5 to 10 parts of water and spray on to the surface. Agitate with brushes, pads or mops if necessary, and then rinse with water.

### 3.2 Heavy-duty Cleaning

Use Ardrex® 6085 as received, dilution with water will progressively destroy the thixotropic properties. Spray on a heavy uniform film of Ardrex® 6085 and allow 5 to 10 minutes dwell time. Agitate with brushes, pads or mops if necessary, then rinse with water.

Removal is either by routine shampooing, by brushing up and rinsing with clean water or by pressure rinsing.

## 4 Effects on materials

When Ardrex® 6085 is used in the prescribed manner no significant corrosion is likely to be encountered on magnesium, aluminium, titanium steel or cadmium plate. It is safe to use on high tensile steel, acrylic plastics and painted surfaces.

Equipment/tanks can be constructed of 316 or 320 stainless steel.

## 5 Shelf life, storage and disposal

Please refer to the corresponding Material Safety Data Sheets for details on shelf life, storage and disposal.

## 6 Labor and environmental protection

Before operating the process described it is important that this complete document, together with any relevant Safety Data Sheets, be read and understood.

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

## 7 General Information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, descaling, paint and carbon removal, metalworking and protection and non-destructive testing. Sales Executives are available to advice on specific problems and applications.

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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