

Airframe and Component MRO

Cleaners, paint and coating removers
and surface preparation



 **BASF**
We create chemistry

Chemetall
expect more⁺

Cleaners, paint and coating removers and surface preparation

Product	Description	Application	Approvals and conformance
Exterior cleaners			
Ardrox® 1900D	New generation, heavy-duty, thixotropic, alkaline cleaner for exterior and interior cleaning of aircrafts and ground handling equipment. Also used as a decarbonizer for engine and component cleaning and for the removal of CIC's.	Spray, brush, immersion	Airbus, AMS 1523, 1526, 1530 and 1550, ASTM F-945, Boeing, Embraer, Fokker
Ardrox® 6025A	Multi-purpose alkaline aqueous cleaner including hydrotropic solvents. It can be used for the removal of light grease and oils, dust, sooty deposits and brake dust.	Immersion	AMS 1526, ARP 1755, ASTM F-945, Boeing, Rolls-Royce
Ardrox® 6085	A multi-purpose, gel-type, alkaline cleaner. Biodegradable. Phosphate- and solvent-free. Safe on all metals, plastics and painted surfaces.	Spray, brush, immersion	Airbus, AMS 1533, 1526 and 1530, ASTM F-945, Boeing, Fokker, Honeywell, McDonnell Douglas
Ardrox® 6484A	A new generation, high performance cleaner with biodegradable surfactants. Solvent- and phosphate-free.	Spray, brush	AgustaWestland, Airbus, Airbus Helicopters, AMS 1535, 1526, 1530 and 1550, Boeing, Fokker, McDonnell Douglas, Pilatus, US DOD
Solvent cleaners			
Ardrox® 2325	Polysulfide sealant remover for the cleaning of application equipment and tools, free from NMP and NEP.	Immersion	Airbus
Ardrox® 5503	General purpose, non-chlorinated degreaser. Fast evaporating.	Wipe, immersion	AgustaWestland, Airbus, Boeing, Goodrich, Honeywell, Safran, US DOD
Ardrox® 5414	Non-chlorinated degreaser with high flash point. Ideal for wax removal.	Wipe, immersion	Rolls-Royce, Pratt & Whitney
Ardrox® 5529	NESHAP-free. Formulated to clean paint spray guns and adhesive application equipment.	Wipe, immersion	Boeing, BSMS 31-001, McDonnell Douglas
Ardrox® 5575	Multi-purpose solvent cleaner, controlled volatility, no toluene, xylene, or any other aromatic derivatives.	Wipe, immersion	AgustaWestland, Boeing
In-process cleaners			
Ardrox® 6333A	Low foaming, highly concentrated, silicated, general purpose cleaner. Removes oil, grease and carbons. Multi-metal safe.	Spray	Airbus, AMS 1526, ASTM F-945, Boeing, Honeywell, McDonnell Douglas, MTU, Piper, US DOD
Ardrox® 6376	Highly silicated, mildly alkaline cleaner. Multi-metal safe.	Immersion	Airbus, ASTM F-945, MTU
Ardrox® 6378A	Borate- and NPE-free. Highly effective, low silicate cleaner.	Spray, Immersion	Airbus, ASTM F-945, Boeing, Rolls-Royce, SNECMA
Gardoclean® 90 (Oakite 90)	Heavy-duty alkaline electrocleaner for steel. Also used as reverse current cleaner for copper and copper plated steel.	Immersion	AgustaWestland, Bell Helicopter, Boeing, Hughes Helicopters, McDonnell Douglas
Gardoclean® 4894 (Rustripper)	Heavy-duty, alkaline cleaner, rust remover, descaler of ferrous parts.	Immersion	Allied Signal, Boeing, Hughes Helicopters, Honeywell, McDonnell Douglas
Carbon removers			
Ardrox® 185 Ardrox® 185 L	Highly alkaline carbon, scale and rust remover for ferrous alloys. Liquid and powder available.	Immersion	Allied Signal, Boeing, Honeywell
Ardrox® 1618	Highly alkaline solution for removing scale, rust, carbon and some paints from ferrous alloys.	Immersion	AMS 1380, ASTM F-945, CFM, General Electric, Pratt & Whitney, Rolls-Royce
Ardrox® 2320	Environmentally advantaged paint and carbon remover. A blend of solvents, activators and corrosion inhibitors.	Immersion	AMS 1375 and 1755, Boeing, Goodrich

Full list of approvals available on request. Some products may not be available in every region.

Product	Description	Application	Approvals and conformances
Paint and coating removers			
Ardrox® 29	Paint remover, ready to use, acidic.	Immersion	CFM, General Electric, IAE, Rolls-Royce, SNECMA
Ardrox® 2204	A blend of solvents, activators and corrosion inhibitors. Oil seal to minimize evaporation. Hot tank remover of many paint schemes, carbons, gums and lacquers.	Immersion	ASTM F-519, Bell Helicopter, Honeywell, McDonnell Douglas, US DOD MIL-PRF-83936
Ardrox® 2312	Non-chlorinated silicone-rubber remover, ready to use.	Immersion	AMS 1386, IAE V2500, Pratt & Whitney, Rolls-Royce
Ardrox® 2320	Environmentally advantaged paint and carbon remover. A blend of solvents, activators and corrosion inhibitors.	Spray, immersion	AMS 1375, Boeing, Goodrich
Ardrox® 2330	Paint remover, hot immersion, based on safe solvents (no NMP, REACH-compliant).	Immersion	Safran, MIL-PRF-83936
Ardrox® 2526	Application paint remover, heavy duty, methylene chloride, phenol, ready to use.	Spray, brush	Airbus, Boeing, Safran, McDonnell Douglas, Lockheed Martin
Ardrox® 2814	A thickened, acid activated, benzyl alcohol application paint stripper.	Spray	Airbus, Boeing, McDonnell Douglas
Ardrox® 2871	Thickened, peroxide accelerated, neutral paint stripper for vertical surfaces. Methylene chloride-free.	Spray, brush	American Airlines, Boeing, Bombardier, Cessna, Embraer, FedEx, McDonnell Douglas, US DOD
Ardrox® 2871A	Peroxide-accelerated application paint remover.	Spray, brush	MA 4872
Ardrox® 2872	Alkali-accelerated benzyl alcohol paint remover. It is designed to remove the intermediate coat from selectively strippable paint systems, from aircraft and other surfaces.	Spray	Airbus, Boeing
Ardrox® 5414	Non-chlorinated degreaser with high flash point. Ideal for wax removal.	Wipe, immersion	Rolls-Royce, Pratt & Whitney
Surface preparation			
Ardrox® 1074	Brightener, corrosion remover and etchant for aluminium.	Spray, brush	Agusta Westland, Airbus Defense and Space, Boeing, Lockheed Martin
Ardrox® 1250	Mildly acidic, thickened product designed to remove light soils and oxides from aluminium.	Spray	AMS 1640, Boeing
Ardrox® 6486	Aqueous based liquid concentrate to be used under a variety of operating conditions for the removal of oil, grease and dirt.	Spray, immersion	Liebherr
Gardacid® P 4299 (Deoxidizer LNC)	Non-chromated, acidic material for removing oxides, smut, scale and discoloration from aluminum and its alloys. Use before conversion coating, anodizing or any other operation that requires low surface contamination. Use after alkaline etching.	Spray, immersion	Airbus, Bell Helicopter, Boeing, Honda, Hughes Helicopters, Lockheed

Corrosion protection

Take advantage of our broad portfolio of high performance corrosion protection technologies and solutions. Chemetall's Ardrox® AV product line offers super penetrating, firm and soft film, heavy-duty and even high-temperature resistant compounds for specific applications. For more information, please see our Corrosion Protection line card or visit our website.

Metalworking fluids

Improve the quality of your process with Tech Cool®, proving to be the cleanest running coolants in the metalworking industry! Enhance your productivity, extend your tool life, experience easy maintenance and chip handling! Reduce consumption! For more information, please see our Metalworking Fluids line cards or visit our website.

Non-destructive testing

Chemetall offers a comprehensive portfolio of Non-Destructive Testing (NDT) products to fulfil the challenging requirements of global, civil and military aviation standards, including AMS, Boeing, CEN ISO, General Electric, MIL, Pratt & Whitney, Rolls-Royce and more. For more information, please see our NDT line cards or visit our website.

Aircraft sealants

Naftoseal® polysulphide sealants are easy to use, multi-purpose sealants used for all aircraft applications such as fuel tank, fuselage, floor panels and aerodynamic smoothing. Adhesion promoters, tool and equipment cleaning and mixing devices round out our portfolio. For more information, please see our Sealant line card or visit our website.

Full list of approvals available on request. Some products may not be available in every region.

Add Chemetall to your flight plan

OEM's and MRO's – increase your productivity with our integrated portfolio of innovative technologies.



Chemetall offers a fully integrated, innovative and optimized portfolio of products and technologies for OEM's and MRO's. These solutions arise from our comprehensive understanding of the materials and requirements for specific Aerospace applications.

In addition to our globally active and locally based technical support, you can rely on our vast experience with commercial and military aviation. Collaborate with us to increase your process efficiency.

Our products and solutions provide:

- ⊕ Comprehensive material compatibility confirmed by third party validation
- ⊕ Major approvals and conformances
- ⊕ Environmentally responsible solutions

Chemetall is proud to serve you from the following locations

Headquarters and Regional Head Office Europe, Middle East, Africa, South America

Chemetall GmbH
Trakehner Straße 3
60487 Frankfurt am Main, Germany
Phone: +49 (0) 69 7165-0

Regional Head Office North America

Chemetall US, Inc.
675 Central Avenue
New Providence, NJ 07974, USA
Phone: +1 908 464 6900

Regional Head Office Asia-Pacific

Chemetall Asia Pte Ltd.
12 Loyang Crescent
Singapore 508980
Phone: +65 6885 7900

BASF
We create chemistry

Chemetall
expect more

www.chemetall.com | chemetall.aerospace@basf.com

The product information contained in this brochure has been compiled to the best of our knowledge on the basis of thorough tests and research work and with regard to the current state of our practical experience in the industry. This product information is non-binding. Our 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 user should undertake sufficient verification and testing to determine the suitability of the product for its particular purpose. We assume no risk or liability whatever in connection with any particular use, if not expressly confirmed by us in writing. Therefore, Chemetall grants no warranty and does not accept any liability in connection with this product information or its use. Except where noted otherwise, all registered trademarks are owned by Chemetall or its affiliated companies. The reproduction of any or all of the information contained in this brochure is expressly forbidden without Chemetall's prior written consent.