

Approvals and conformities

AIRBUS	IPS09-01-004-05 / AIPI 02-01-006, 02-01-003, 09-01-003
AIRBUS Germany	80-T-35-0020 Alkaline cleaning
AIRBUS HELICOPTERS	NTO (Non Technical Objection) should be submitted to the OEM according to their quality process.
DASSAULT AVIATION	DGQT 0.4.2.0414
EMBRAER	NTO (Non Technical Objection) should be submitted to the OEM according to their quality process.
FOKKER LANDING GEAR	
SAFRAN	PR1500 / IN1500

REACH-compliant borate-free and silicate-free alkaline cleaner used in particular on aluminium surface treatment lines prior to sodium pickling or deoxidation steps with socosurf A1858/A18063.

SOCOCLEAN A3432 can be used in immersion or spray cleaning.

It is specifically intended to **replace degreasing baths with sodium borate**. This substance is now registered in the SVHCs list (Substances of Very High Concern) - List of extremely high concerns issued by the European Agency on chemical products (ECHA) within the frame of REACH regulations. Sodium borate is also in the "Candidate List" priority substances of Annex XIV of REACH (the "Authorisation List").

The **SOCOCLEAN A3432** main characteristics are:

- Excellent **degreaser**: removes soluble oils, oily temporary protections and ink
- Degrease from 35°C/95°F
- **Borate free, hexavalent chrome free, VOC free** (Volatile Organic Component according to EU regulation)
- **Silicate free solution** that leaves no residues on the parts and thus is compatible with all following surface treatment processes (NDT, welding, anodizing...)
- Compatible with aluminium, titanium or stainless steel alloys
- **Stock loss** compliant to
 - Airbus requirements on bare 2024 T3 at 55°C/131°F
 - BAC 5749 on aluminium alloys and hard metals
 - Bombardier BAPS 180 001 on bare 2024 T3 at 35°C/95°F

USES

- **SOCOCLEAN A3432** is intended for degreasing operations in surface treatment lines before alkaline etching operation or deoxidation with **SOCOSURF A1858/1806**
- Can be used on aluminium, titanium or stainless steel alloys

DIRECTIONS FOR USE

BY IMMERSION:

The bath is generally used at a concentration of 8-12 % v/v **SOCOCLEAN A3432** and completed with water.

Bath temperature : 35 to 55 °C (95-131°F).

An agitation of the bath is recommended to homogenise the bath.

The immersion duration of parts is from 10 to 30 minutes depending on the pollutants to remove and the bath temperature.

If you need to reinforce the degreasing properties of the bath, you can add **SOCOCLEAN DB** at 0.1 to 1 % v/v.

If you need to reinforce the ink removal properties, you can add **SOCOCLEAN IR** from 1 to 5% v/v depending on the type of ink to remove.

In case of foaming during the bath ageing, 0,1%v/v of **ADISSOL** can be added.

Parts must be rinsed with demineralised water after immersion in the bath of **SOCOCLEAN A3432**.

For the bath setting-up, a titration procedure is available from Socomore upon request.

BY SPRAYING:

SOCOCLEAN A3432 can be used by spraying. Preliminary tests are recommended to check the foaming character with the spray equipment. In case of foaming, add 0.01% v/v of **SOCOCLEAN AF**. Please refer to the conditions described in the **SOCOCLEAN AF** technical datasheet.

To reinforce the ink removal properties, **SOCOCLEAN IR** can be added at concentrations above recommended.

TDS and MSDS for **SOCOCLEAN DB**, **SOCOCLEAN IR**, **SOCOCLEAN AF** and **ADISSOL** are also available.

TECHNICAL CHARACTERISTICS

Appearance	clear liquid
Odor	low
pH	<10

2/3

SOCOCLEAN A3432_EN_2024-02-06_EC-FS

Specific gravity 1 (at 20°C/68°F)
Free of borate, silicate, chromate, VOC emitting components

PRECAUTIONS FOR USE AND STORAGE

Due to the strong degreasing character of **SOCOCLEAN A3432**, it is recommended to wear gloves in case of frequent or prolonged contact.

Keep away from cold, in closed original packaging.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as SOCOMORE deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Pictures are not contractual. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.