

Approvals and conformities

ASTM International	Conform to ASTM F945-12 - Method A
PRATT & WHITNEY	SPMC 252-1 (SOCOCLEAN UCA) SPMC 252-2 (SOCOCLEAN UCS)
PRATT & WHITNEY	Conform to PWA 36604 Appendix A Hot Corrosion - Testing of standard Gas Turbine Engine Alloys
SAE	Conform to ARP 1755 B - Effect of cleaning agents on aircraft engines / Materials stock loss test method / Category 10 : aqueous cleaner
SAFRAN	PR1500 / IN1500

Biodegradable aerospace cleaner for cleaning parts. Contains an alkaline agent and surfactant.

SOCOCLEAN UCA/ SOCOCLEAN UCS is a bi-component solution for cleaning parts, e.g. jet turbine engine parts.

SOCOCLEAN UCA is the alkaline agent, and provides the degreasing strength.

SOCOCLEAN UCS is the surfactant, and ensures an efficient degreasing performance.

USES

- **Biodegradable cleaner**, free from petroleum solvents, designed for cleaning parts, e.g. jet turbine engine parts.
- Can be diluted in a bath, hot or cold, or used with a cloth or brush. The high concentration of active substances allows for high dilution, without loss of performance.
- Inert on all metals (including light alloys), plastic materials, composites, glass and paints.
- Suitable for use on all surfaces, without any risk of attack or corrosion. Will not weaken high strength steel.

SOCOCLEAN UCA can also be used as an in-process rust preventive compound in rinsing baths. It is not intended to be used as an indoor rust preventive for storage purposes (Wadis 24/60 and Socopac 65H will bring higher protection during storage).

DIRECTIONS FOR USE

DEGREASING BY IMMERSION

Add **SOCOCLEAN UCA** to a cold bath, then SOCOCLEAN UCS at the concentrations recommended

below:

- **SOCOCLEAN UCA:** between 5 and 20%.
- **SOCOCLEAN UCS:** between 1 and 5%, ideally at 3%.

Temperature of the immersion bath: max 70°C (155°F)

Recommended agitation: agitation with circulation, with propeller or mechanical up and down agitation.

Maintain the alkalinity of the product through analysis (see control test).

When the bath has aged, **SOCOCLEAN UCS** can be added in order to maintain the degreasing performance (1% at a time).

Rinse the part after cleaning.

DEGREASING BY SPRAYING

SOCOCLEAN UCA/UCS can be used by spraying.

Preliminary tests are recommended to check the foaming character with the spray equipment

SOCOCLEAN AF can be used at a concentration of 0.01% to limit foam. *Please refer to the conditions described in the SOCOCLEAN AF technical datasheet*

Rinse the part after cleaning.

RUST PROTECTION

SOCOCLEAN UCA can also be used as an in-process rust preventive compound in rinsing baths.

The rust protection efficiency will vary with the following factors:

- Concentration used,
- Humidity, quality of air and temperature in work area.

In spray washers and soak tanks, **SOCOCLEAN UCA** is normally used at a concentration of 1% to 5% with water in the final rinse stage.

Heating the solution will promote drying of the parts. The recommended temperature range is 60 - 70°C (140 - 158°F).

An immersion/contact time of 1 to 2 minutes is necessary to allow for heat absorption by the parts, in order to produce the flash-drying.

Cleanability: The rust preventative film left on parts by **SOCOCLEAN UCA** can easily be removed by water.

TECHNICAL CHARACTERISTICS

Appearance Liquid (SOCOCLEAN UCA & SOCOCLEAN UCS)
Specific gravity SOCOCLEAN UCA: 1.08 (at 20°C/68°F) / SOCOCLEAN UCS: 1 (at 20°C/68°F)
pH SOCOCLEAN UCA: 13 / SOCOCLEAN UCS: 9
Flammability Zero (SOCOCLEAN UCA & SOCOCLEAN UCS)
Free of EDTA

PRECAUTIONS FOR USE AND STORAGE

Store in closed original packaging, at normal temperature conditions and not below 0 ° C.

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

For professional use only.

This technical data sheet replaces and cancels the previous one.

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