

SOCOCLEAN

A 3433

NEUTRAL DETERGENT FOR SPRAY WASHING MACHINES

Approval: SAFRAN Group: MESSIER-DOWTY (Test report Nr. 8238)

SOCOCLEAN A 3433 is a safe product as it does not contain nitrite (toxic), nor soda, nor potash (corrosive), nor solvent (flammable).

This is an economical degreaser, usable at a low temperature (40 to 80°C / 104 to 176° F), at very low concentrations (3 to 10 % on average). It offers protection for pieces in sheltered storage without requiring any rinsing.

SOCOCLEAN A 3433 is biodegradable, immediately miscible in water and contains surfactants necessary for optimum degreasing.

Easy to use, low foaming.

The salting-out power of the oils makes the maintenance of machine tanks easy.

USES

SOCOCLEAN A 3433 is used to degrease steel, stainless steel, anodised aluminium alloys and titanium, by spraying.

The product is especially suited to the cleaning of chromated cadmium-plated steels, or when a chromic anodisation such as Alodine has been applied.

DIRECTIONS FOR USE

The concentration used depends on the degree of soiling and the greases to be removed from the parts. Typical values in most cases are: temperature 45 to 50°C (113 to 122°F), concentration 5 %, contact time 4 to 5 minutes.

TECHNICAL CHARACTERISTICS

. Odour	low
. Density at 20°C (68° F)	1
. pH pure	neutral
. Flash point (ISO 2719)	none

Socomor
Finishing Technologies

Support technique International / International Technical Support
tel. +33 (0)2 97 43 76 90 fax +33 (0)2 97 54 50 26 E-mail Support@socomor.com

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socomor@socomor.com



STORAGE AND USE SAFETY MEASURES

Please consult the safety data sheet for Hygiene and safety information.

TITRATION OF SOCOCLEAN A 3433 BATHS

- 1) **Principle:**
Determine the bath alkalinity using a hydrochloric acid solution in presence of methyl orange at 0.1% in water.
- 2) **Apparatus:**
1 x 250-ml beaker, 1 x 10-ml pipette, 1x 25-ml burette
- 3) **Reagents:**
 - Solution of hydrochloric acid 0.1 M/L
 - Solution of methyl orange at 0.1% in water
- 4) **Operating process:**
 - Take 25 ml from the bath by means of the pipette.
 - Put into a 250-ml beaker.
 - Add about 100 ml demineralised water and a few drops of methyl orange.
 - Titrate with the hydrochloric acid 0.1 M/L until the indicator turns from yellow to orange.
 - Note V the volume of hydrochloric acid 0.1 M/L required.
 - The concentration C of SOCOCLEAN A 3433 expressed in percent in volume equals:
$$C \% = 0.77 \times V$$

SOCOCLEAN A 3433 concentrations according to the volume of hydrochloric acid 0.1 M/L titrated in presence of methyl orange

SOCOCLEAN A 3433 Concentration in volume	Volume of HCl 0.1 M/L titrated
3 %	3,9 cm ³
4 %	5,2 cm ³
5 %	6.5 cm ³
6 %	7.8 cm ³
7 %	9.1 cm ³
8 %	10.4 cm ³
9 %	11.7 cm ³
10 %	13.0 cm ³

This technical data sheet replaces and cancels the previous one.

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