

COMORAL DXP

"INTER-TREATMENT" DEGREASING COMPOUND FOR ANY METALS

Approvals:

**EADS: AIRBUS FRANCE, EUROCOPTER (ASN 42203)
DGA (French Air Force) - AIR 0011**

COMORAL DXP is intended for the degreasing by spraying of steel, cast iron, copper, aluminium and alloys, magnesium and titanium.

COMORAL DXP is a safe product as it is absolutely free from components likely to present a danger for users. 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 (2 to 5 % on average). It offers a protection for sheltered pieces in storage without requiring a subsequent treatment, nor any rinsing.

COMORAL DXP is biodegradable, immediately miscible in water and contains surfactants necessary for an optimum degreasing.

This is a low foaming product whatever the pressure is, with an easy implementation; contact time from 2 to 5 minutes. The salting-out power of the oils makes the maintenance of machines vats and tanks easy ; the bath standing is merely done by a rapid dosage (alkalinity or conductivity).

DIRECTIONS FOR USE

The required concentration depends on the degree of soiling to be removed. The most satisfactory values in most cases are the following: temperature from 40 to 45° C (104 to 113° F), concentration 3 %, contact time from 4 to 5 minutes.

As for all degreasing alkaline products, the users likely to come into contact with the product are advised to wear protection (gloves, work aprons, etc...).

TECHNICAL CHARACTERISTICS

. Odour	low
. Density at 20° C (68° F)	1.14
. pH at 1 %	9.8
. Flash point (ISO 2719)	none

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STORAGE AND USE SAFETY MEASURES

A slight deposit may appear in time during storage, which does not damage the quality of the product at all.

BATH STANDING

Principle :

Determination of the bath alkalinity by means of a hydrochloric acid solution with bromocresol green.

Matériel :

- 1 beaker of 250 ml
- 1 pipette of 25 ml
- 1 burette of 25 ml
- quick filter paper
- funnel

Reagents :

- hydrochloric acid solution 0.1 M
- Bromocresol green solution at 0.1 % in alcohol at 20 %

Operating mode :

- Pipette 25 ml from the filtered bath by means of the pipette.
- Introduce them into a 250 ml beaker.
- Add about 100 ml demineralised water and a few bromocresol green drops.
- Dose by means of the hydrochloric acid 0.1 M until the blue indicator turns yellow.
- V is the number of hydrochloric acid 0.1 M ml being poured.
- The concentration C, expressed in per-cent, of COMORAL DXP equals :

$$C \% = 0.31 \times V$$

**COMORAL DXP concentration
depending of the HCL volume at 0.1 Mol/litre being poured
(in presence of bromocresol green)**

COMORAL DXP concentration	HCl volume at 0.1 Mol/litre
1 %	3.2 cm ³
2 %	6.4 cm ³
3 %	9.6 cm ³
4 %	12.9 cm ³
5 %	16.1 cm ³
6 %	19.3 cm ³
7 %	22.6 cm ³
8 %	25.8 cm ³
9 %	29.0 cm ³
10 %	32.2 cm ³

This technical data sheet replaces and cancels the previous one.

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