



HEXA FOR™ 601

FLUORINATED SURFACTANT

DESCRIPTION

HEXA FOR™ 601 is a water-based fluorosurfactant based only on **C6 fluorinated chains**. It can be used as flow and leveling agent in various applications like floor polishes, waxes, caulks, paints and varnishes. It reduces the most common surface defects as cratering and orange-peel effect. **HEXA FOR™ 601** is very efficient in reducing the surface tension in aqueous systems at very low concentration (0,005 – 0,1%).

SPECIAL FEATURES

- ❖ Good reduction of surface tension at very low concentrations.
- ❖ Excellent levelling.
- ❖ Reduces orange peel effect.
- ❖ Improved wetting of water based systems.
- ❖ Anti-blocking agent.
- ❖ Water based.
- ❖ In compliance with the limits set by the regulation (EC) 2017/1000 on PFOA, its salts and PFOA-related substances (PFOA free*).

SOLUBILITY

Soft water (< 60 ppm hardness).

TECHNICAL INFORMATION

APPEARANCE	Pale yellow to yellow aqueous dispersion
IONIC CHARGE	Anionic
pH	7 – 9
DENSITY	1,08 g/cm ³
BOILING POINT	100°C (212°F)
ACTIVE MATERIAL	13 – 16 %
COMPOSITION	13 – 16% active material 84 – 87% water

TECHNICAL SPECIFICATIONS

Solid content: 13 – 16%
pH: 7 – 9

APPLICATIONS

HEXA FOR™ 601 should be diluted to 0,005 – 0,1% of active matter to work properly.

Some examples of application:

- ❖ Paints and varnishes
- ❖ Waxes and polishes
- ❖ Floor strippers, industrial and institutional cleaning



Certificate N. EN1339

MAFLON SPA

(Società Socio Unico Soggetta all'attività di direzione e coordinamento ex art.2497 bis C.C. da parte di Mazza Holding srl)

Sede Legale

Viale Bianca Maria 41 - 20122 Milano (MI) ITALY
VAT N. IT04080020169 - C.F. 04080020169
REG.IMPRESSE DI MI - REA 2507998
CAPITALE SOCIALE € 500.000

Sede Operativa

Via Don Ravizza snc - 24060 Castelli Calepio (BG) ITALY
REG.IMPRESSE DI BG - REA 433424

Fluorochemical Specialties

Phone +39.035.4494301
Accounting Dept. Fax +39.035.4425249

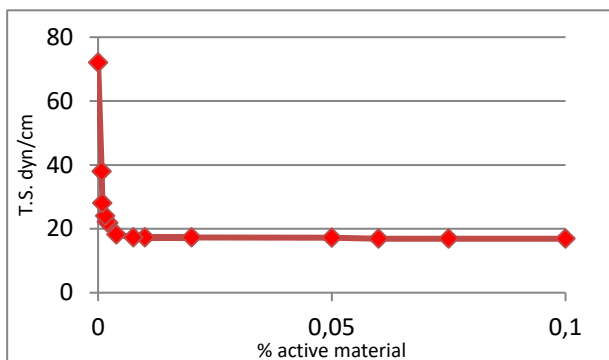
<http://www.maflon.com> - info@maflon.com
Technical Dept. Fax +39.035.4494331



UNI EN ISO 9001:2015

SURFACE TENSION IN DEIONIZED WATER AT 25°C (Wilhelmy plate method)

- ❖ 17,3 dyn/cm a 0,01% (active material)
- ❖ 17,2 dyn/cm a 0,05% (active material)
- ❖ 16,9 dyn/cm a 0,1% (active material)



STORAGE AND STABILITY

HEXAFOR™ 601 is stable for two years if stored in original closed drums or tanks at temperatures of 4 – 45°C (39 – 113°F). The diluted product must be stirred before use because some settling could occur. Protect from freezing.

FOAM VOLUME A 40°C (in deionized water) [ml] (Ross-Miles test according to ASTM D 1173)

Concentration	Initial	5 min
0,1% active material	39	20

PERSONAL SAFETY

Please carefully read the current Safety Data Sheet for a safety use of the product.

PACKAGING

- ❖ Kg 50 – Plastic Drum
- ❖ Kg 200 – Plastic Drum
- ❖ Kg 1000 – Plastic IBC

*Wherever the term "PFOA Free" is used in this data sheet, it means that the product has a concentration below 25 ppb of PFOA including its salts and below 1000 ppb of one or a combination of PFOA-related substances, according to the regulation (EC) No. 2017/1000.



Certificate N. EN1339

MAFLON SPA

(Società Socio Unico Soggetta all'attività di direzione e coordinamento ex art.2497 bis C.C. da parte di Mazza Holding srl)

Sede Legale

Viale Bianca Maria 41 - 20122 Milano (MI) ITALY
 VAT N. IT04080020169 - C.F. 04080020169
 REG.IMPRESSE DI MI - REA 2507998
 CAPITALE SOCIALE € 500.000

Sede Operativa

Via Don Ravizza snc - 24060 Castelli Calepio (BG) ITALY
 REG.IMPRESSE DI BG - REA 433424

Fluorochemical Specialties

Phone +39.035.4494301
 Accounting Dept. Fax +39.035.4425249

<http://www.maflon.com> - info@maflon.com
 Technical Dept. Fax +39.035.4494331



UNI EN ISO 9001:2015

November 2020. The information included in this Technical Data Sheet are provided to the best of our knowledge. We do not assume any responsibility for outdated information, and in particular for those non included in this form and obtained from other sources. Exceptions can be made only in case of further agreements or for contractual liability. In case of updates, revised information will be included in the latest data sheet as soon as possible, making outdated those included in this form.