

# PROTEX INTERNATIONAL PROXIS DEVELOPMENT

## EUROPE



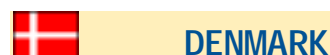
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# SYNTHRON

# MOUSSEX

# ANTIFOAM SELECTION CHART



YOUR ADVANCED SOLUTIONS PARTNER

| COMMERCIAL NAME          | CHEMICAL NATURE             | POLARITY  | DRY MATTER (%) | VISCOSITY (mPa.s) | pH        | SOLUBILITY IN WATER *** | SOLUBILITY IN WHITE SPIRIT | EINECS | TSCA | AICS | DSL / NDSL | MITI / ENCS | ECL | PICCS | IECSC | NZIoC | VOC % w/w | FDA  | BfR | ECOLABEL FOR PAINTS DEC 1999/10/EC | DIRECTIVE 2002/72/EC |
|--------------------------|-----------------------------|-----------|----------------|-------------------|-----------|-------------------------|----------------------------|--------|------|------|------------|-------------|-----|-------|-------|-------|-----------|--|-----|------------------------------------|----------------------|
|                          |                             |           |                |                   |           |                         |                            |        |      |      |            |             |     |       |       |       |           |  |     | Y / N                              | Y / N                |
| <b>MOUSSEX® 920 SE</b>   | Polysiloxane emulsion       | Non-ionic | 9.0            | ≤ 250             | 7.5       | Dispersible             | ---                        | Y      | Y    | Y    | DSL        | N           | Y   | N     | Y     | N     | 0         | 175.105 - 176.210  | N   | Y                                  | N                    |
| <b>MOUSSEX® 910 SE</b>   | Polysiloxane emulsion       | Non-ionic | 28.0           | 4000              | 7.0 (20%) | Dispersible             | ---                        | Y      | Y    | Y    | DSL        | N           | Y   | Y     | Y     | Y     | 0         | 175.105 - 176.210  | N   | Y                                  | N                    |
| <b>MOUSSEX® 904 SE</b>   | Polysiloxane emulsion       | Non-ionic | 32.0           | 900               | 7.5       | Dispersible             | ---                        | Y      | Y    | Y    | DSL        | N           | Y   | N     | Y     | N     | 0         | 175.105 - 175.300<br>176.170 - 176.180<br>176.210                      | N   | Y                                  | N                    |
| <b>MOUSSEX® 9092 SE</b>  | Polysiloxane emulsion       | Non-ionic | 50.0           | ≤ 800             | 7.0 (10%) | Dispersible             | ---                        | Y      | Y    | Y    | DSL        | N           | Y   | N     | Y     | N     | 0         | 175.105 - 175.300<br>176.170 - 176.180<br>176.200 - 176.210            | N   | Y                                  | N                    |
| <b>MOUSSEX® 9380 SE</b>  | Polysiloxane emulsion       | Non-ionic | 38.0           | ≤ 400             | 8.0       | Dispersible             | ---                        | Y      | Y    | N    | DSL        | N           | N   | Y     | Y     | N     | 0         | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 9136 SE</b>  | Polysiloxane emulsion       | Non-ionic | 34.0           | 400               | 4.5       | Dispersible             | ---                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 175.300<br>176.170 - 176.180<br>176.200 - 176.210            | Y   | Y                                  | N                    |
| <b>MOUSSEX® 388 SL</b>   | Polysiloxane compound       | Non-ionic | 92             | 800               | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 173.340 - 175.105<br>175.300 - 176.170<br>176.180 - 176.200<br>176.210 | Y   | Y                                  | N                    |
| <b>MOUSSEX® 397 SL</b>   | Polysiloxane compound       | Non-ionic | > 95           | 750               | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 175.300<br>176.200 - 176.210                                 | Y   | Y                                  | Y                    |
| <b>MOUSSEX® 319 SP</b>   | Polysiloxane                | Non-ionic | Powder         | Powder            | 8.5 (5%)  | Dispersible             | **                         | Y      | Y    | Y    | DSL        | N           | Y   | Y     | Y     | Y     | 0         | 176.210  | Y   | N                                  | N                    |
| <b>MOUSSEX® 9009 HL</b>  | Mineral oil                 | Non-ionic | > 93           | ≤ 250             | 8.5 (10%) | Emulsifiable            | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | N     | Y     | Y     | 0.5       | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 3029 HL</b>  | Mineral oil                 | Non-ionic | > 95           | 600               | **        | Insoluble               | Yes                        | Y      | Y    | Y    | N          | N           | N   | N     | N     | N     | 0.7       | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 733 HL</b>   | Mineral oil                 | Non-ionic | 100            | 250               | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | N           | Y   | N     | Y     | N     | 0         | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 7114 HL</b>  | Mineral oil                 | Non-ionic | 100            | 250               | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 9117 HL</b>  | Mineral oil                 | Non-ionic | *              | ≤ 100             | 5.0 (5%)  | Dispersible             | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 28.4      | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 7134 HE</b>  | Mineral oil emulsion        | Non-ionic | 33.0           | 3500              | 7.5 (10%) | Dispersible             | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0.1       | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 3031 HPF</b> | Mineral oil                 | Non-ionic | Powder         | Powder            | **        | Insoluble               | **                         | Y      | Y    | Y    | N          | N           | N   | N     | N     | N     | 0         | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 941 PL</b>   | Phosphoric ester            | Non-ionic | *              | ≤ 50              | 3.0 (10%) | Emulsifiable            | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 28.55     | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 561 PL</b>   | Phosphoric ester            | Non-ionic | *              | ≤ 100             | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 176.210  | Y   | Y                                  | N                    |
| <b>MOUSSEX® 5064 PL</b>  | Phosphoric ester            | Non-ionic | *              | ≤ 100             | **        | Insoluble               | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 15        | N  | N   | Y                                  | N                    |
| <b>MOUSSEX® 9128 CL</b>  | Based on vegetable oil      | Anionic   | 50             | ≤ 100             | 5.5       | Soluble                 | **                         | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.300 - 176.170<br>176.180 - 176.200                                 | Y   | Y                                  | N                    |
| <b>MOUSSEX® 9032 CL</b>  | Mineral oil & vegetable oil | Non-ionic | *              | ≤ 200             | **        | Dispersible             | Yes                        | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 175.300<br>176.210   | N   | Y                                  | N                    |
| <b>MOUSSEX® 7118 GL</b>  | Organic ester               | Non-ionic | *              | 4000              | 4.4 (10%) | Dispersible             | **                         | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 176.210  | Y   | Y                                  | N                    |
| <b>MOUSSEX® 3032 HPF</b> | Polymer                     | Non-ionic | Powder         | Powder            | **        | Insoluble               | **                         | Y      | Y    | Y    | DSL        | Y           | Y   | Y     | Y     | Y     | 0         | 175.105 - 175.300<br>176.170 - 176.180<br>176.200                      | N   | Y                                  | Y                    |

\* A part of the active matter evaporates during drying

\*\* Not applicable



| COMMERCIAL NAME   | ANTIFOAMING PROPERTY VERSUS pH |       |       | ANTIFOAMING PROPERTY VERSUS TEMPERATURE |       |       |
|-------------------|--------------------------------|-------|-------|---|-------|-------|
|                   | 4                              | 7     | 10    | 20°C                                    | 80°C  | 130°C |
| MOUSSEX® 920 SE   | + +                            | + + + | +     | + + +                                   | + +   | +     |
| MOUSSEX® 910 SE   | + +                            | + + + | +     | + + +                                   | + +   | +     |
| MOUSSEX® 904 SE   | + +                            | + + + | +     | + + +                                   | + +   | +     |
| MOUSSEX® 9092 SE  | + +                            | + + + | +     | + + +                                   | + +   | + +   |
| MOUSSEX® 9380 SE  | + + +                          | + + + | + + + | + + +                                   | + +   | + +   |
| MOUSSEX® 9136 SE  | + + +                          | + + + | + + + | + + +                                   | + + + | + +   |
| MOUSSEX® 388 SL   | + +                            | + +   | +     | + + +                                   | + + + | + +   |
| MOUSSEX® 397 SL   | + +                            | + +   | + +   | + + +                                   | + + + | + +   |
| MOUSSEX® 319 SP   | + +                            | + +   | +     | + +                                     | + +   | + +   |
| MOUSSEX® 9009 HL  | + +                            | + + + | + +   | + + +                                   | + + + | + + + |
| MOUSSEX® 3029 HL  | + + +                          | + + + | + +   | + + +                                   | + + + | + +   |
| MOUSSEX® 733 HL   | + + +                          | + + + | + +   | + + +                                   | + + + | + +   |
| MOUSSEX® 7114 HL  | + + +                          | + + + | + + + | + + +                                   | + + + | + +   |
| MOUSSEX® 9117 HL  | +                              | +     | + + + | + + +                                   | + + + | +     |
| MOUSSEX® 7134 HE  | + + +                          | + + + | + +   | + + +                                   | + +   | +     |
| MOUSSEX® 3031 HPF | + +                            | + +   | + +   | + +                                     | + +   | +     |
| MOUSSEX® 941 PL   | +                              | + + + | + +   | + + +                                   | + + + | +     |
| MOUSSEX® 561 PL   | + + +                          | + + + | + + + | + + +                                   | + + + | + + + |
| MOUSSEX® 5064 PL  | + + +                          | + + + | + + + | + + +                                   | + + + | + + + |
| MOUSSEX® 9128 CL  | To be used below pH2           | -     | -     | + + +                                   | + + + | + + + |
| MOUSSEX® 9032 CL  | + +                            | + + + | + + + | + + +                                   | + + + | + + + |
| MOUSSEX® 7118 GL  | + +                            | + + + | + + + | + + +                                   | + + + | + +   |
| MOUSSEX® 3032 HPF | + +                            | + +   | + +   | + +                                     | + +   | + +   |