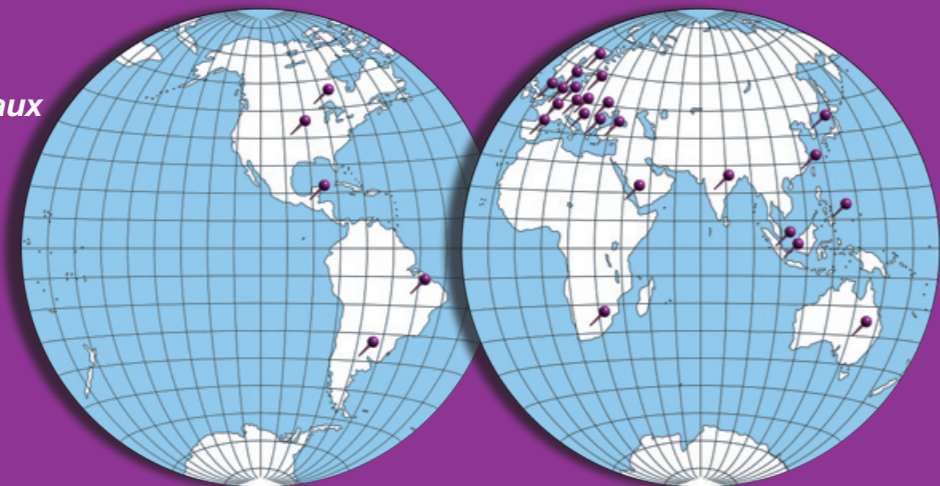


**Auslandsvertretungen  
International Distributors  
Distributeurs Internationaux**



**EUROPE**

**Austria, Croatia, Hungary**

C. H. ERBSLÖH GmbH  
Am Ausfergenufer 4, A-5400 Hallein  
Phone +43-6245-71 493, Fax +43-6245-71 493 40  
Email: office@erbsloeh.at

**Belgium, Luxembourg**

**Paper applications:**  
LAPASSE ADDITIVES CHEMICALS  
17, rue Salvador Allende, F-95210 Saint Gratien  
Phone +33-1-39 89 58 40, Fax +33-1-39 34 02 31  
Email: gilles.lapasse@lapasse-additives.fr

**Bulgaria, Romania**

SC EUROCHIM IMPEX S.R.L.  
6 Octavian Goya Av., Bl. M25, Sc III, Et. 4, Ap. 66-67, Sector 3  
RO-742441 Bucharest/Romania  
Phone/Fax +40-21-327 6551, 327 6552, 327 6553  
Email: office@eurochim.ro

**Denmark**

PORATEK I/S  
Hyrdenhoj 4, DK-2680 Solrød Strand  
Phone +45-70-26 51 99, Fax +45-70-26 50 34  
Email: poratek@poratek.dk

**Finland, Norway, Sweden**

GROLMAN NORDIC AS  
Lilleakerveien 2B, NO-0283 Oslo  
Phone +47-2251-1000, Fax +47-2251-0990  
Mobil +46-708-286528  
Email: grolman@grolman-group.com

**France**

LAPASSE ADDITIVES CHEMICALS  
17, rue Salvador Allende, F-95210 Saint Gratien  
Phone +33-1-39 89 58 40, Fax +33-1-39 34 02 31  
Email: gilles.lapasse@lapasse-additives.fr

**Greece, Cyprus, Albania, Macedonia, Serbia**

Polymer & Colors S.A.  
P. O. Box 394, GR-194 00 Koropi  
Phone +30-210-66 20 445, Fax +30-210-66 20 447  
Email: info@polymer.gr

**Italy**

EIGENMANN & VERONELLI S.p.A.  
Via della Mosa 6, I-20017 RHO / Milano  
Phone +39-02-93 53 91, Fax +39-02-93 53 39 00  
Email: abajardelli@eigver.it, fdclassen@eigver.it

**Poland, Estonia, Latvia, Lithuania, Ukraine**

PROCIMA Sp. z o.o.  
ul. Narbutta 39 m. 3, PL-02-536 Warszawa  
Phone +48-22-6 46 70 22, Fax +48-22-6 46 41 83  
Email: procima@procima.pl

**Russia**

BIOLINE Ltd., Kondratevskiy Pr. 89/7, 195271 St. Petersburg  
Phone +7-812-233 1671, Fax +7-812-233 3125  
Email: info@biolane.ru, alex\_bychkov@biolane.ru,  
andre\_yudin@biolane.ru

**Slovenia**

PARKA d.o.o.  
Frankovo naselje 135, SI-4220 Skofja Loka  
Phone +386-4-515 42 80, Fax +386-4-515 42 81  
Email: parka@parka.si

**Spain, Portugal**

SINEX S.L.  
C/Nervión, 2 y 4 (Lonja), E-48001 Bilbao  
Phone +34-94-4 23 26 93, Fax +34-94-4 23 07 61  
Email: comercial@sinexsl.com

**Switzerland**

GUSTAV GROLMAN GmbH & Co. KG  
Fuggerstraße 1, D-41468 Neuss  
local office:  
Giebelmoos 24, D-88131 Bodolz  
Phone/Fax +41-61-7 56 05 10, Mobile +49-162-24 58 572  
Email: g.kloth@grolman-group.com

**The Netherlands**

**Paper applications:**  
LAPASSE ADDITIVES CHEMICALS  
17, rue Salvador Allende, F-95210 Saint Gratien  
Phone +33 (0) 1-39 89 58 40, Fax +33 (0) 1-39 34 02 31  
Email: gilles.lapasse@lapasse-additives.fr

**Turkey**

AYKİM Paint Chemicals  
TR-41490 Gebze, Yanyol No.: 48  
Phone +90-262-7 24 93 93, Fax +90-262-7 24 93 99  
Email: aykim@superonline.com

**U.K. & Ireland**

CRESTCHEM Ltd.  
Crest House, 152 Station Road, Amersham  
Buckinghamshire HP6 5 DW  
Phone +44-1494-43 46 60, Fax +44-1494-43 49 90  
Email: info@crestchem.co.uk

**MIDDLE EAST REGION**

**Israel**

DORMECO Industrial Supplies Ltd  
13 Hate'ena str. (POB 515), Herzelia 46105, Israel  
Phone +972-9-950 0040, Fax +972-9-956 9912  
Mobile +972-52-224 3906, Email: roy@ormeca.co.il

**Iran, Kuwait, United Arab Emirates**

Al Shihab Al Thahabi TTC. LLC.  
P. O. Box 30681, Sharjah, U.A.E.  
Phone +971-6-5568301, Fax +971-6-5568302  
Email: fakher@thahabi.ae

**Saudi Arabia**

Al-Azzas Est., Trading Division  
13th Floor, Khassoggi (Habitat) Building  
King Abdullah Street, Al-Khobar 31952, Saudi Arabia  
Phone +966-3-899 2048, Fax +966-3-898 3492  
Mobile +966-504-848 804, Email: farhan@alazzaz.com

**AFRICA**

**Egypt**

INTERNATIONAL TRADERS  
El-Sayadla Towers, Building No. 2, Appt. 501, Alexandria, Egypt  
Fax +2-03-42 44 022, Mobil +2-012-21 31 688  
Email: sherif@internationaltradersegyp.com

**South Africa**

REVERTEX Chemicals (Pty) Ltd.  
200 Lansdowne Road, Jacobs, 4052, KwaZulu Natal  
P. O. Box 12040, Jacobs, 4026, KwaZulu Natal  
Phone +27-31-480 81 00, Fax +27-31-480 82 94  
Email: rajchetty@worldonline.co.za

**AUSTRALIA / NEW ZEALAND**

AXIS Chemicals P/L  
89 Stewart Street, Paddington NSW 2021  
Sydney/Australia  
Phone +61-2-9360 6771, or +61-2-9358 6606  
Email: nikolaus.scheiff@axischemicals.com.au

**NORTH AMERICA**

**U.S.A.**

KEIM-ADDITEC Surface USA, LLC  
1200 Central Avenue, Suite 306  
Wilmette, Illinois 60091  
Phone +1-847-920-1676, Fax +1-847-920-1681  
Mobil +1-847-612-5166  
Email: kalmikoff@keim-additec.de

**Canada**

ASHLAND CHEMICAL Ltd. Drew Industrial  
Drew Court, Ajax (Toronto), 525 Finley Avenue  
Ontario L1S 2E5  
Phone +1-905-6 83 01 50, Fax +1-905-4 27 06 88

**Mexico**

KEIM-ADDITEC Surface USA, LLC  
1200 Central Avenue, Suite 306  
Wilmette, Illinois 60091  
Phone +1-847-920-1676, Fax +1-847-920-1681  
Mobil +1-847-612-5166  
Email: kalmikoff@keim-additec.de

**SOUTH AMERICA**

**Argentina, Uruguay**

TECMOS S.A.  
Iberá 3685, C 1430 AVG Buenos Aires, Argentina  
Phone +54-11-45 42 08 04, Fax +54-11-45 42 45 06  
Cell phone +54-11-44 70 57 88  
Email: info@tecmos.com

**Brazil**

Graúna Química Imp e Exp Ltda  
CNPJ 07.271.677/0001-03  
Avenida Netuno, 29 - Sala 10, Centro de Apolo 1  
Santana de Parnaíba/Sao Paulo/Brazil, Zip code: 06541-015  
Phone/Fax +55-11-4153 9283  
Cel: +55-11-9658 4183  
Email: sergio@graunaengenharia.com

**ASIA**

**China**

H.J. UNKEL (Shanghai) International Trading Co. Ltd.  
3rd Floor, Block 3, 65 Zongjiang Road  
Shanghai, 200062, P.R. China  
Phone +86-21-5169 1088, Fax +86-21-5282 9830  
Email: jimmy\_bei@hjunkel.com.cn, shanghai@hjunkel.com.cn  
shchemical@hjunkel.com.cn

H.J. UNKEL (Foshan) Ltd.  
Room 2204, D Building, Tongji Plaza, 66 Tongji Road  
Foshan, 528000 P.R. China  
Phone +86-757-8333 1488, Fax +86-757-8335 9715  
Email: foshan@hjunkel.com.cn

H.J. UNKEL Beijing Office  
1201 Yi Heng Building, 28 Bei San Huan East Road  
Chaoyang District, Beijing, P.R. China  
Phone +86-10-6440 5863, -5853, -5218  
Fax +86-10-6440 5901  
Email: norman@hjunkel.com.cn

H.J. UNKEL Chongqing Office  
2106 No. 2 Daxiyang International Building  
Keyuan One Road, Shiqiaoou High-Tech Zone  
Chongqing, P.R. China  
Phone +86-23-6879 6683, Fax +86-23-6879 7918  
Email: chongqing@hjunkel.com.cn

**Hong Kong**

H.J. UNKEL (China) Ltd.  
62 Hoi Yuen Road, 3/F, Phase 1, Kwun Tong  
Hong Kong, (G.P.O. Box 1082)  
Phone +852-2763 03 08, Fax +852-2341 72 42  
Email: unkel@hjunkel.com.cn

**India**

FINE ORGANICS  
Fine House, Anandji Street, Off M. G. Road  
Ghatkopar East, Mumbai 400 077, India  
Phone +91-22-25093400 to 11 Extn. 125  
Fax +91-22-25153215 + 251622276  
Email: manish\_khandekar@fineorganics.com

**Indonesia**

PT. GALIC BINA MADA  
Desa Sukadanau, Cikarang Barat  
Bekasi 17520, Indonesia  
Phone +62-21-8900 850, Fax +62-21-8900 849  
Email: coating@galicbinamada.com

**Korea**

SEECHEM International  
Room 1730, Rosedale bldg., 724, Suseo-dong  
Gangnam-gu, Seoul, Korea (ROK) 135-744  
Phone +82-2-62 41 02 88  
Fax +82-2-62 41 02 89  
Email: info@seechem.com

**Malaysia**

H.J. UNKEL (M) SDN. BHD.  
35, Jalan Salung, 33/26, Shah Alam Technology Park  
40400 Shah Alam, Selangor Darul Ehsan, Malaysia  
Phone +60-3-51 24 69 69  
Fax +60-3-51 24 69 30  
Email: hjunkel@streamyx.com

**Pakistan**

KING Chemicals & Technical  
R-948 sector 33-E Korangi No 2.1/2  
Industrial Area Karachi, Pakistan  
Phone +92-21-5073121, -5075430, -5076575  
Fax +92-21-5075435  
Email: info@kingchemicals.net  
ashrafhour@yahoo.com

**Philippines**

H.J. UNKEL (Phil.) Inc.  
2nd Floor, 1404 Rizal Avenue, Sta. Cruz  
Metro Manila, Philippines  
Phone +632-711-73 71 / 711-68 94  
Fax +632-711-68 67  
Email: hju@netasia.net

**Singapore**

UNKEL & Partners  
46, South Bridge Road #04-01, Kingly Building  
058679 Singapore  
Phone +65-65 33 19 93, Fax +65-65 33 19 94  
Email: davidhoon@pacific.net.sg

**Taiwan**

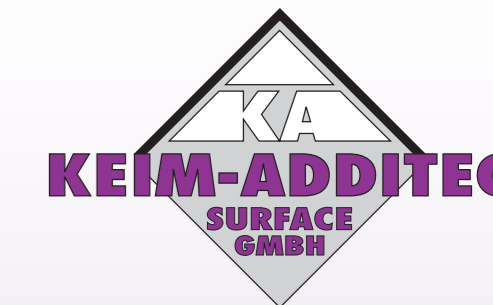
EVER FINDE Products Corp.  
4F, No.238, Ming-An W. Rd.  
Hsing-Chuang City, 242- Taipei-Hsien  
Phone +886-2-22 03 88 89  
Fax +886-2-22 04 24 77  
Email: everfind@ms45.hinet.net

**Thailand**

H.J. UNKEL (Tech) Ltd.  
434 Soi Chokchaichongchamrien Rama 3 Road  
Bangpongpan, Yannawa, 10120 Bangkok  
Phone +662-294-86 42-5  
Fax +662-294-86 46  
Email: hjunkel@cscoms.com

**Vietnam**

MDI VIETNAM Co., LTD-Coatings dept  
17 Nguyen Khuyen str. Dong Da dist, Hanoi, Vietnam  
Phone +84-4-747 2977 (78), Fax +84-4-747 2979  
HP +84-903 290 677  
Email: mdihn-coatings@hn.vnn.vn



**Wachsadditive für wässrige  
Druckfarben und Überdrucklacke  
Cires additives pour des encres  
et vernis aqueuses**

**Wax additives for water  
based printing inks  
and OPV's**

THE MAGIC POWER.



2008-06

**ULTRALUBE®**

**KEIM-ADDITEC Surface GmbH**

Postfach 12 04 · D-55478 Kirchberg/Hunsrück · Tel. +49 (0) 6763/93 33-0 · Fax +49 (0)6763/93 33-30  
Email: information@keim-additec.de · http://www.keim-additec.de

**Funktionale Eigenschaften**  
*Functional properties*  
*Propriétés fonctionnelles*

| ULTRALUBE®             | Wachstyp<br>Wax type<br>Nature de la cire | Festkörper<br>Total solids<br>Extrait sec | Schmelzbereich<br>Melting range<br>Point de fusion | pH-Wert<br>pH-value<br>Valeur pH | Ionogenität<br>Ionic character<br>Caractère ionique | FDA - BfR |
|------------------------|---|---|--|----------------------------------|---|-----------|
| <b>Emulsion</b>        |   |   |  |                                  |   |           |
| E-340                  | Paraffin                                  | 50 %                                      | 56-58 °C   | 9.0                              | A   | +         |
| E-359                  | mod. Paraffin                             | 25 %                                      | 56-85 °C   | 9.0                              | A   | +         |
| E-389                  | PE/Paraffin                               | 30 %                                      | 58-118 °C  | 9.0                              | N/A   | +         |
| E-522/20               | mod. HD-PE                                | 20 %                                      | 138 °C   | 9.0                              | N   | +         |
| E-530 V                | HD-PE/Copolymer                           | 30%                                       | 127/220 °C   | 9.5                              | N   | -         |
| E-620 F                | mod. HD-PE                                | 37 %                                      | 137 °C   | 9.5                              | N/A   | -         |
| E-623                  | mod. HD-PE                                | 35 %                                      | 118-137 °C   | 8.5                              | N/A   | -         |
| E-668 H                | PP  | 35 %                                      | 154 °C   | 9.0                              | N   | +         |
| E-7015                 | Carnauba                                  | 32 %                                      | 85 °C  | 2.5                              | N/A   | +         |
| E-7090 X               | Carnauba                                  | 25 %                                      | 84 °C  | 10.0                             | A   | +         |
| E-7090 Y8              | Compound                                  | 30 %                                      | 84 °C  | 4.0                              | N   | +         |
| E-7920                 | Carnauba                                  | 40 %                                      | 84 °C  | 5.0                              | N   | +         |
| E-801                  | HD-PE/PTFE                                | 46 %                                      | 125/326 °C   | 7.0                              | N   | +         |
| E-8046 S               | mod. HD-PE                                | 42 %                                      | 136 °C   | 6.5                              | N   | +         |
| E-810                  | HD-PE                                     | 35 %                                      | 137 °C   | 9.0                              | N   | +         |
| E-842 N                | HD-PE                                     | 42 %                                      | 125 °C   | 6.5                              | N   | +         |
| E-844                  | mod. HD-PE                                | 45 %                                      | 125 °C   | 8.5                              | N   | +         |
| E-846                  | HD-PE                                     | 40 %                                      | 138 °C   | 6.0                              | N   | +         |
| E-846-11-S             | HD-PE/Silicon                             | 40 %                                      | 134 °C   | 6.5                              | N   | +         |
| E-848                  | HD-PE                                     | 40 %                                      | 125 °C   | 6.5                              | N   | +         |
| <b>Dispersion</b>      |   |   |  |                                  |   |           |
| D-808                  | HD-PE                                     | 65 %                                      | 128 °C   | 9.0                              | N   | +         |
| D-816                  | HD-PE                                     | 65 %                                      | 128 °C   | 8.5                              | N   | +         |
| D-838                  | PE/PTFE                                   | 60 %                                      | 126/320 °C   | 8.5                              | N   | +         |
| D-860                  | PE / Ester                                | 60 %                                      | 102-132 °C   | 6.0                              | N   | -         |
| <b>Mikrodispersion</b> |   |   |  |                                  |   |           |
| MD-2000                | HD-PE                                     | 50 %                                      | 128 °C   | 9.0                              | N   | +         |
| MD-2003                | HD-PE                                     | 40 %                                      | 128 °C   | 10.0                             | A   | +         |
| MD-2011                | HD-PE                                     | 40 %                                      | 128 °C   | 3.5                              | N   | +         |
| MD-2030                | mod. HD-PE                                | 50 %                                      | 127 °C   | 8.5                              | N   | +         |

+ = ja/yes/oui / - = auf Anfrage/on request/à la demande

**Empfohlene Anwendungsbereiche**  
*Recommended fields of application*  
*Recommandées Champs d'application*

| ULTRALUBE®             | Abriebbeständigkeit<br>Abrasion resistance<br>Résistance l'abrasion | Slip<br>Slip<br>Glissant | Antislip<br>Anti slip<br>Antiglissant | Kratzfestigkeit - Mar and scuff<br>resistance - Résistance à la<br>rayure et à l'éraflure | Blockfestigkeit<br>Anti blocking<br>Antibloquant | Hydrophobierung<br>Water repellancy<br>Effet repellant et perlant | Naßriebbeständigkeit<br>Wet rub resistance - Résistance<br>aux frottements humides | Mattierung<br>Matting<br>Matage | Glanz<br>Gloss<br>Brillant |
|------------------------|---|--------------------------|---------------------------------------|---|--|---|--|---------------------------------|----------------------------|
| <b>Emulsion</b>        |   |                          |                                       |   |  |   |  |                                 |                            |
| E-340                  | ○   | ●                        | ○                                     | ●   | ●  | ●   | ●  | ○                               | ○                          |
| E-359                  | ○   | ●                        | ○                                     | ○   | ●  | ●   | ○  | ○                               | ○                          |
| E-389                  | ○   | ●                        | ○                                     | ○   | ●  | ●   | ○  | ○                               | ○                          |
| E-522/20               | ○   | ●                        | ○                                     | ●   | ●  | ○   | ○  | ○                               | ○                          |
| E-530 V                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-620 F                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-623                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-668 H                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-7015                 | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-7090 X               | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-7090 Y8              | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-7920                 | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-801                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-8046 S               | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-810                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-842 N                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-844                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-846                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-846-11-S             | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| E-848                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| <b>Dispersion</b>      |   |                          |                                       |   |  |   |  |                                 |                            |
| D-808                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| D-816                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| D-838                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| D-860                  | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| <b>Mikrodispersion</b> |   |                          |                                       |   |  |   |  |                                 |                            |
| MD-2000                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| MD-2003                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| MD-2011                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |
| MD-2030                | ○   | ○                        | ○                                     | ○   | ○  | ○   | ○  | ○                               | ○                          |

● hervorragend geeignet, excellent suited, excellent approprié ○ gut geeignet, especially suited, spécialement approprié ○ geeignet, suitable, approprié

**Empfohlene Anwendungsbereiche**  
*Recommended fields of application*  
*Recommandées Champs d'application*

| ULTRALUBE®             | Gestrichene Papiere<br>Coated papers<br>Papiers couchés | Ungestrichene Papiere<br>Uncoated and recycling papers<br>Papiers non couchés et recyclés | Faltschachteln<br>Folding boxes<br>Carton pour boîtes pliantes | Papier-Servietten und Tissue<br>Paper napkins and tissue<br>Serviettes et tissu | Papier- und Flachvinyl-<br>Tapeten · Wall covering<br>Tapisserie | Metal-Folien<br>Metal foils<br>Films métalliques | Kunststoff-Folien<br>Films<br>Films | Metallic-Farben<br>Metallic inks<br>Encres métalliques | Überdrucklacke<br>Overprint varnishes (lacquers)<br>Vernis de surimpression |
|------------------------|---|---|--|---|--|--|-------------------------------------|--|---|
| <b>Emulsion</b>        |   |   |  |   |  |  |                                     |  |   |
| E-340                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-359                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-389                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-522/20               | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-530 V                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-620 F                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-623                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-668 H                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-7015                 | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-7090 X               | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-7090 Y8              | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-7920                 | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-801                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-8046 S               | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-810                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-842 N                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-844                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-846                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-846-11-S             | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| E-848                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| <b>Dispersion</b>      |   |   |  |   |  |  |                                     |  |   |
| D-808                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| D-816                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| D-838                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| D-860                  | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| <b>Mikrodispersion</b> |   |   |  |   |  |  |                                     |  |   |
| MD-2000                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| MD-2003                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| MD-2011                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |
| MD-2030                | ○   | ○   | ○  | ○   | ○  | ○  | ○                                   | ○  | ○   |

○ bedingt empfohlen, partially recommended, partiellement recommandé ○ nicht empfohlen, not recommended, non recommandé