MONSANTO INDUSTRIAL CHEMICALS COMPANY

TECHNOLOGY PLANNING AND EVALUATION

CLASSIFICATION OF TECHNICAL EFFORT

PRODUCT GROUPING VS. PRODUCTS

PLASTICIZERS

1972

1. Phthalates

1.1 Benzyl Phthalates

Santicizer 160 (butyl benzyl)
Santicizer 261 (i-octyl benzyl)
Santicizer 278 (texanol benzyl)
Santicizer 213 (Blend)
Santicizer 218A "
Santicizer 267 (i-butyl-cyclohexyl phthalate + DDB)
Santicizer 307 (Blend)
Santicizer 323 "
Santicizer 364 "
Santicizer 366 "
Santicizer 380 "
Santicizer 679 "
Santicizer 728 "
Santicizer 736 "
Santicizer 739 "
Santicizer 750 "
Santicizer 759 "
Santicizer 770 "
Santicizer 789A "
Santicizer 811 "
Santicizer 823 "
Santicizer 835 "
Santicizer 842 "
Santicizer 858 "
Santicizer 885 "
Santicizer 908 "
Santicizer 919 "
Santicizer 921 "
Santicizer 937 "
Santicizer 958 "
Santicizer 965 "
Santicizer 977 "
Santicizer 989 "
Santicizer 996 "

1.2 Butyl, Ethyl, Methyl Phthalates

Dibutyl phthalate
Diethyl phthalate
Dimethyl phthalate

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1.2 Butyl, Ethyl, Methyl Phthalates (Cont.)

Santicizer 218 (Blend)
Santicizer 710 "
Santicizer 728 "
Santicizer 953 "
Santicizer 998 "

1.3 Solid Phthalates

Dicyclohexyl Phthalate
Diphenyl Phthalate
Isobutyl Cyclohexyl Phthalate

1.4 Octyl, Decyl Phthalates

Dioctyl Phthalate
Diisodecyl Phthalate
Ditridecyl Phthalate
Diundecyl Phthalate
Santicizer 214 (Blend)
Santicizer 215 "
Santicizer 304 "
Santicizer 314 "
Santicizer 332 "
Santicizer 339 "
Santicizer 383 "
Santicizer 389 "
Santicizer 603 "
Santicizer 630 "
Santicizer 642 "
Santicizer 681 "
Santicizer 683 "
Santicizer 688 "
Santicizer 694 "
Santicizer 702 "
Santicizer 746 "
Santicizer 772 "
Santicizer 788 "
Santicizer 807 "
Santicizer 855 "
Santicizer 897 "
Santicizer 906 "
Santicizer 910 "
Santicizer 918 "
Santicizer 923 "
Santicizer 924 "
Santicizer 956 "
Santicizer 970 "
Santicizer 974 "
Santicizer 986 "
Santicizer 991 "

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1.5 Santicizer 711 and Blends

Oxo Alcohol(s)
Santicizer 711 (dioxo 7-11 phthalate)
Santicizer 790 (dioxo 7-9 phthalate)

2. Polymerics

Santicizer 79TM (oxo 7-9 trimellitate)
Santicizer 321 (blend)
Santicizer 334 "
Santicizer 360 "
Santicizer 368 "
Santicizer 405
Santicizer 406
Santicizer 409
Santicizer 411
Santicizer 412
Santicizer 424 (Blend)
Santicizer 429
Santicizer 481 (Blend)
Santicizer 482 "
Santicizer 484 "
Santicizer 822 "
Santicizer 830 "
Santicizer 854 "
Santicizer 900 "
Santicizer 939 "
Santicizer 964 "
Santicizer 988 "
XP 5000
XP 5002

3. Sulfonamides

Santicizer 1H (N-cyclohexyl-p-toluenesulfonamide)
Santicizer 3 (N-ethyl-p-toluenesulfonamide)
Santicizer 8 (mixed N-ethyl + p-toluenesulfonamide)
Santicizer 9E (mixed toluene sulfonamide isomers)
Santicizer 9L (mixed toluene sulfonamide isomers)
Santolite MHP (toluene sulfonamide-formaldehyde resin)
Santolite MS (" " " "

4. Glycolates

Santicizer B16 (butylphthalyl butylglycolate)
Santicizer E15 (ethylphthalyl ethylglycolate)
Santicizer M17 (methylphthalyl ethylglycolate)

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5. Antioxidants

Santonox
Santowhite

6. Fire Retardant Plasticizers

6.1 Alkyl Aryl Phosphates

Santicizer 141 (2-Ethyl hexyl diphenyl phosphate)
Santicizer 145 (Blend)
Santicizer 148 (Isodecyl diphenyl phosphate)
Santicizer 340 (Blend)
Santicizer 353 "
Santicizer 356 "
Santicizer 814 "
Santicizer 914 "
Santicizer 918 "
Santicizer 959 "

6.2 Triaryl Phosphates

Santicizer 140 (Cresyl Diphenyl Phosphate)
Santicizer 149M (Blend)
Santicizer 310 "
Santicizer 316 (WGK Still Residue)
Santicizer 329 (Blend)
Santicizer 352 "
Santicizer 960 "
Santicizer 999 "
Triphenyl Phosphate

6.3 Other Phosphates/Phosgards

Phosgard 2XC20
Phosgard C22R
Tributoxyethyl Phosphate
Tributyl Phosphate

7. Adipates

DNODA
Dioctyl Adipate
Diisodecyl Adipate
Santicizer 97 (Dioxo 7-9 Adipate)
Santicizer 151 (Dibutoxy Ethyl Adipate)
Santicizer 386 (Blend)
Santicizer 709 "
Santicizer 773 "

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7. Adipates (Cont.)

Santicizer 779 (Blend)
Santicizer 799 "
Santicizer 815 "
Santicizer 833 "
Santicizer 862 "
Santicizer 939 "

20. Other (Present Products)

HB40
Modaflow
Mod-Epox
Santicizer 898 (Blend)
Santicizer 936 "
Santomask 2
Santoset 1
Triphenylphosphite

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