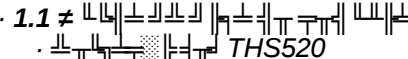
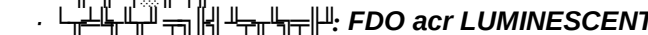
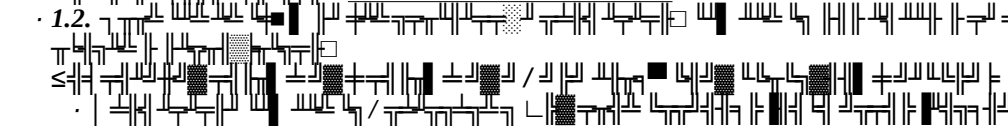
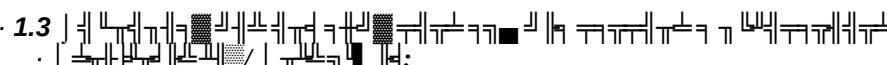
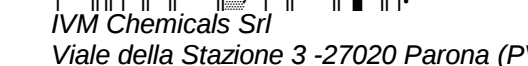
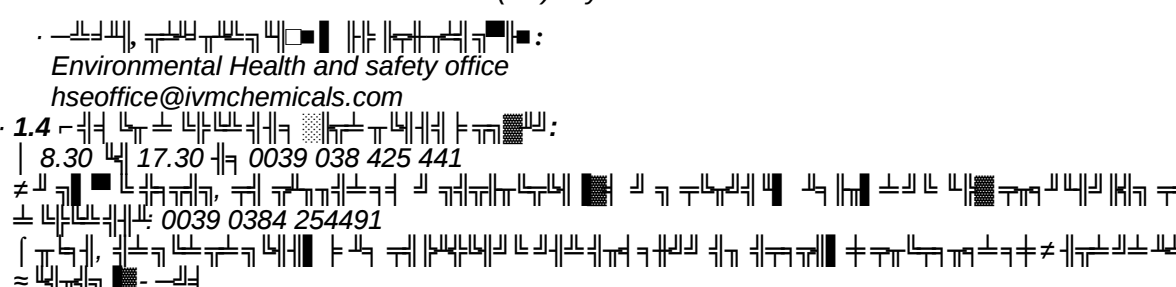
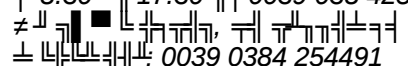
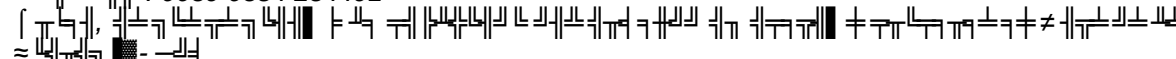
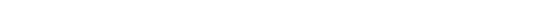


1-33-44-55-66-77-88-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1

- 1.1 $\neq$  *THS520*
 *FDO acr LUMINESCENTE*
 1.2. 
 1.3 
IVM Chemicals Srl
Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441
:
Environmental Health and safety office
hseoffice@ivmchemicals.com
 1.4 :
 | 8.30  17.30 
 $\neq$ :
 0039 0384 254491


[illegible]

- 2.1 ≤  (≈) N₀ 1272/2008



Flam. Liq. 2

 $H_{225} \geq$ [diagram]

Repr. 2

H361d 

STOT RE 2

H373

[illegible]

Asp. Tox. 1

H304



Skin Irrit. 2

H315

 $\sqrt{1} \cdot 1 = 1$

Eye Irrit. 2

H319

$$\sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{1}{\sigma_j^2} - \frac{1}{\sigma^2} \right)^2} = \sqrt{\frac{1}{n} \sum_{j=1}^n \left(\frac{1}{\sigma_j^2} - \frac{1}{\sigma^2} \right) \left(\frac{1}{\sigma_j^2} + \frac{1}{\sigma^2} \right)}$$

STOT SE 3

H336



































Aquatic Chronic 3 H412

H412

$$\sqrt{\pi} \frac{L_1 L_2}{\Gamma(\frac{1}{2})} \left(\frac{L_1}{L_2} \right)^{\frac{1}{2}} \left(\frac{L_2}{L_1} \right)^{\frac{1}{2}} = \sqrt{\pi} \frac{L_1 L_2}{\Gamma(\frac{1}{2})}.$$

- 2.2. *(EC) N° 1272/2008*
(CLP).

THS520
FDO acr LUMINESCENTE

1)



GHS02 GHS07 GHS08

toluene

xylene

n-butyl acetate

butanone

H225 ≥

H315 √

H319 √

H361d

H336

H373

H304

H412 √

P210

P301+P310

P321

P331

P303+P361+P353

P305+P351+P338

P362+P364

P405

P501

EUH208

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)

propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-

tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-

hydroxyphenyl)propionyl-oxypoly(oxyethylene). ∆

2.3

PBT (vPvB)

PBT:

vPvB:

RU

(3)

THS520
FDO acr LUMINESCENTE

() 2)

3

3.2
.

CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	15-19,99%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	10-14,99%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336 Aquatic Chronic 3, H412	10-14,99%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412	10-14,99%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	2,5-4,99%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23-XXXX	2-methylpropan-1-ol Flam. Liq. 3, H226 Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335-H336	≥2,5-<3%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate Flam. Liq. 2, H225 STOT SE 3, H336	1-2,499%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-XXXX	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332 Aquatic Chronic 3, H412	1-2,499%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	1-2,499%
ELINCS: 400-830-7 Reg.nr.: 01-2119472279-28-XXXX	Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) Aquatic Chronic 2, H411 Skin Sens. 1, H317	≥0,25-<0,5%

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THS520
FDO acr LUMINESCENTE

(3) (החוק הלאומי לביטחון כימיקלים)

16. תאריך: 16.07.2018. תאריך: 16.07.2018. תאריך: 16.07.2018.

4. תאריך: 4.07.2018

- 4.1 תאריך: 4.07.2018. תאריך: 4.07.2018. תאריך: 4.07.2018.
- 4.2 תאריך: 4.07.2018. תאריך: 4.07.2018. תאריך: 4.07.2018.
- 4.3 תאריך: 4.07.2018. תאריך: 4.07.2018. תאריך: 4.07.2018.

5. תאריך: 5.07.2018

- 5.1 תאריך: 5.07.2018. תאריך: 5.07.2018. תאריך: 5.07.2018.
- 5.2 תאריך: 5.07.2018. תאריך: 5.07.2018. תאריך: 5.07.2018.
- 5.3 תאריך: 5.07.2018. תאריך: 5.07.2018. תאריך: 5.07.2018.

RU

(5) (החוק הלאומי לביטחון כימיקלים)

THS520
FDO acr LUMINESCENTE

(1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

6

- [illegible]

[illegible]

- .7.1**
- [Complex musical notation]
- .7.2**
- [Complex musical notation]
- .7.3**
- [Complex musical notation]

— RI

(1 2 3 4 5 6)

THS520
FDO acr LUMINESCENTE

5)

8

7.

8.1

123-86-4 n-butyl acetate	
PDK	≤ 200 $\frac{g}{m^3}$ ≤ 50 $\frac{g}{m^3}$
78-93-3 butanone	
PDK	≤ 400 $\frac{g}{m^3}$ ≤ 200 $\frac{g}{m^3}$
141-78-6 ethyl acetate	
PDK	≤ 200 $\frac{g}{m^3}$ ≤ 50 $\frac{g}{m^3}$
78-83-1 2-methylpropan-1-ol	
PDK	≤ 10 $\frac{g}{m^3}$
108-65-6 2-methoxy-1-methylethyl acetate	
PDK	≤ 10 $\frac{g}{m^3}$

DNEL		
123-86-4 n-butyl acetate		
() ≠ ()	DNEL	2 $\frac{g}{bw/d}$ ()
	DNEL acuto/agudo/ostre/aigu/acute/akut	600 $\frac{g}{mc}$ ()
	DNEL	300 $\frac{g}{mc}$ () 300 $\frac{g}{mc}$ () 35,7 $\frac{g}{mc}$ ()
	DNEL acuto/agudo/ostre/aigu/acute/akut	1 1 $\frac{g}{bw/d}$ () 6 $\frac{g}{bw/d}$ ()
()	DNEL	1 1 $\frac{g}{bw/d}$ () 6 $\frac{g}{bw/d}$ ()
	DNEL	1 1 $\frac{g}{bw/d}$ () 6 $\frac{g}{bw/d}$ ()
	DNEL	1 1 $\frac{g}{bw/d}$ () 6 $\frac{g}{bw/d}$ ()
	DNEL	1 1 $\frac{g}{bw/d}$ () 6 $\frac{g}{bw/d}$ ()
78-93-3 butanone		
()	DNEL	600 $\frac{g}{mc}$ ()
	DNEL	1.161 $\frac{g}{bw/d}$ ()
108-88-3 toluene		
()	DNEL acuto/agudo/ostre/aigu/acute/akut	384 $\frac{g}{mc}$ ()

7)

THS520
FDO acr LUMINESCENTE

(6)		
DNEL	192	µmc (bw/d)
DNEL	384	µmc (bw/d)
1330-20-7 xylene		
DNEL acuto/agudo/ostre/aigu/acute/akut	289	µmc (bw/d)
DNEL	77	µmc (bw/d)
DNEL	180	µmc (bw/d)
141-78-6 ethyl acetate		
DNEL	4,5	µmc (bw/d)
DNEL acuto/agudo/ostre/aigu/acute/akut	1.468	µmc (bw/d)
DNEL	734	µmc (bw/d)
DNEL	734	µmc (bw/d)
DNEL	367	µmc (bw/d)
DNEL	63	µmc (bw/d)
DNEL	37	µmc (bw/d)
78-83-1 2-methylpropan-1-ol		
DNEL	310	µmc (bw/d)
110-19-0 isobutyl acetate		
DNEL	5	µmc (bw/d)
DNEL acuto/agudo/ostre/aigu/acute/akut	600	µmc (bw/d)
DNEL	300	µmc (bw/d)
DNEL	300	µmc (bw/d)
DNEL	35,7	µmc (bw/d)
DNEL acuto/agudo/ostre/aigu/acute/akut	5	µmc (bw/d)
DNEL	10	µmc (bw/d)
DNEL	5	µmc (bw/d)
100-41-4 ethylbenzene		
DNEL acuto/agudo/ostre/aigu/acute/akut	293	µmc (bw/d)
DNEL	77	µmc (bw/d)
DNEL	180	µmc (bw/d)
108-65-6 2-methoxy-1-methylethyl acetate		
DNEL	275	µmc (bw/d)
DNEL	153,5	µmc (bw/d)
100-41-4 ethylbenzene		
DNEL acuto/agudo/ostre/aigu/acute/akut	293	µmc (bw/d)

THS520
FDO acr LUMINESCENTE

DNEL	77 g/mc (7)
	180 g/bw/d
Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	
DNEL	0,35 g/mc
	0,5 g/bw/d

PNEC	
123-86-4 n-butyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,18 g/L ()
PNEC Suolo/earth/suelo/	0,0903 g/bw/d ()
78-93-3 butanone	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	55,8 g/L ()
PNEC Suolo/earth/suelo/	22,5 g/bw/d ()
108-88-3 toluene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,68 g/L ()
PNEC Suolo/earth/suelo/	2,89 g/bw/d ()
1330-20-7 xylene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,327 g/L ()
PNEC Suolo/earth/suelo/	2,31 g/bw/d ()
141-78-6 ethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,24 g/L ()
PNEC Suolo/earth/suelo/	0,148 g/bw/d ()
78-83-1 2-methylpropan-1-ol	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,4 g/L ()
PNEC Suolo/earth/suelo/	0,0699 g/bw/d ()
110-19-0 isobutyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,17 g/L ()
PNEC Suolo/earth/suelo/	0,0755 g/bw/d ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,1 g/L ()
PNEC Suolo/earth/suelo/	2,68 g/bw/d ()
108-65-6 2-methoxy-1-methylethyl acetate	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,635 g/L ()
PNEC Suolo/earth/suelo/	0,29 g/bw/d ()
100-41-4 ethylbenzene	
PNEC Acqua dolce/water/woda sŕodka/eau/agua/	0,1 g/L ()
PNEC Suolo/earth/suelo/	2,68 g/bw/d ()

THS520
FDO acr LUMINESCENTE

(8)

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

PNEC Acqua dolce/water/woda słodka/eau/agua/水 0,0023 g/L ()

PNEC Suolo/earth/suelo/terra/地面 2 g/L ()

8.2

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(10)

THS520
FDO acr LUMINESCENTE

(9) תאריך: 10/17

תאריך: 10/17



תאריך: 10/17

9 תאריך: 10/17

9.1 תאריך: 10/17

- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17

תאריך: 10/17

pH:

תאריך: 10/17

- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17

תאריך: 10/17

77 °C

תאריך: 10/17

-4 °C

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

315 °C

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17

1 %
12 %

תאריך: 10/17

105

תאריך: 10/17

0,945 g/cm^3

- תאריך: 10/17
- תאריך: 10/17
- תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

תאריך: 10/17

(11) תאריך: 10/17

THS520
FDO acr LUMINESCENTE

(10)

71,25 % 673,3 VOC (EC)	28,7 % 9.2
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10

- 10.1
- 10.2
- 10.3
- 10.4
- 10.5
- 10.6

11

11.1	LD/LC50	
123-86-4 n-butyl acetate		
	LD50	10.760
	LD50	14.000
	LC50/4	21,1
78-93-3 butanone		
	LD50	2.001
	LD50	5.001
	LC50/4	21
108-88-3 toluene		
	LD50	5.000
	LD50	12.124

(12)

ᠯᠢᠰᠢᠨ ᠰᠤᠭᠤᠨᠠᠨᠢᠨ: 10.07.2018

ᐱᐱᐱᐱ ᐱᐱᐱᐱ ᐱᐱᐱᐱ ᐱᐱᐱᐱ 07.06.2018

THS520
FDO acr LUMINESCENTE

(1 2 3 4 5 6 7 8 9 10 11)

ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ 1330-20-7 xylene ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50. LD50. LC50/4ቱ.	3.523 ሳ.ግ/ክግ (ፖሊግራፍ) 12.126 ሳ.ግ/ክግ (ፖሊግራፍ) 27,571 ሳ.ግ/ክግ (ፖሊግራፍ)
141-78-6 ethyl acetate		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4 ቱ LC0	4.934 ሳ.ግ/ክግ (ፖሊግራፍ) 20.001 ሳ.ግ/ክግ (ፖሊግራፍ) 1.600 ሳ.ግ/ክግ (ፖሊግራፍ) 22,6 ppm (ፖሊግራፍ)
78-83-1 2-methylpropan-1-ol		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4ቱ.	2.460 ሳ.ግ/ክግ (ፖሊግራፍ) 3.400 ሳ.ግ/ክግ (ፖሊግራፍ) 19,2 ሳ.ግ/ክግ (ፖሊግራፍ)
110-19-0 isobutyl acetate		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4 ቱ	13.400 ሳ.ግ/ክግ (ፖሊግራፍ) 17.401 ሳ.ግ/ክግ (ፖሊግራፍ) 31 ሳ.ግ/ክግ (ፖሊግራፍ)
100-41-4 ethylbenzene		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4 ቱ	3.500 ሳ.ግ/ክግ (ፖሊግራፍ) 15.486 ሳ.ግ/ክግ (ፖሊግራፍ) 17,2 ሳ.ግ/ክግ (ፖሊግራፍ)
108-65-6 2-methoxy-1-methylethyl acetate		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4 ቱ	8.532 ሳ.ግ/ክግ (ፖሊግራፍ) 5.001 ሳ.ግ/ክግ (ፖሊግራፍ) 35,7 ሳ.ግ/ክግ (ፖሊግራፍ)
100-41-4 ethylbenzene		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ) ቅብረት ለመግለጽ (ፖሊግራፍ) ለመግለጽ	LD50 LD50 LC50/4 ቱ	3.500 ሳ.ግ/ክግ (ፖሊግራፍ) 15.486 ሳ.ግ/ክግ (ፖሊግራፍ) 17,2 ሳ.ግ/ክግ (ፖሊግራፍ)
Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)		
ፖሊግራፍ (ፖሊግራፍ) ፖሊግራፍ (ፖሊግራፍ)	LD50 LD50	5.001 ሳ.ግ/ክግ (ፖሊግራፍ) (OECD - 401) 2.001 ሳ.ግ/ክግ (ፖሊግራፍ) (OECD - 402)

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$\sqrt{\frac{1}{2}}$

$\sqrt{\frac{1}{2}}$

A complex musical score for a single melodic line, featuring various rhythmic values and accidentals.

— RU

[illegible]

THS520
FDO acr LUMINESCENTE

(12)

12

12.1

√

123-86-4 n-butyl acetate

EC50 397 (72)

44 (48)

LC50 (96) 18 (72)

78-93-3 butanone

EC50 2.029 (96)

308 (48)

LC50 (96) 2.993 (72)

108-88-3 toluene

EC50 134 (96)

3,78 (48)

LC50 (96) 5,5 (72)

1330-20-7 xylene

EC50 2,2 (72)

LC50 48 1 (48)

LC50 (96) 2,6 (72)

141-78-6 ethyl acetate

EC50 165 (48)

LC50 (96) 230 (72)

78-83-1 2-methylpropan-1-ol

EC50 1.799 (72)

1.100 (48)

LC50 (96) 1.430 (72)

110-19-0 isobutyl acetate

EC50 370 (72)

25 (48)

LC50 (96) 17 (72)

100-41-4 ethylbenzene

EC50 75 (48)

108-65-6 2-methoxy-1-methylethyl acetate

EC50 1.001 (72)

501 (48)

LC50 (96) 134 (72)

100-41-4 ethylbenzene

EC50 438 (72)

1,8 (48)

LC50 (96) 12,1 (72)

(14)

RU

THS520
FDO acr LUMINESCENTE

13

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

EC50 101 (72)
4 (OECD linee guida 202 parte 1)
LC50 (96) 2,8 (Leuciscus idus melanotus) (OECD linee guida 203)

12.2 Toluene CAS n. 108-88-3
OECD, EU RAR

123-86-4 n-butyl acetate
78-93-3 butanone
108-88-3 toluene
1330-20-7 xylene
141-78-6 ethyl acetate
78-83-1 2-methylpropan-1-ol
110-19-0 isobutyl acetate
100-41-4 ethylbenzene
108-65-6 2-methoxy-1-methylethyl acetate

12.3
12.4
12.5 PBT
vPvB
12.6

13

13.1
080111

15

THS520
FDO acr LUMINESCENTE

14)

14

14.1 UN

ADR, IMDG, IATA

UN1263

14.2

ADR

IMDG, IATA

UN1263 ≤ - Σ | ≤ Σ, 640D
PAINT

14.3

ADR, IMDG, IATA



3 ≥

3

14.4

ADR, IMDG, IATA

//

14.5

33

F-E, S-E

14.6

33

33

EMS:

Stowage Category

B

14.7

MARPOL 73/78

IBC Code

2

D/E

5L

≤ E2

30

500

2

D/E

16)

ᐱᐱᐱ ᐱᐱᐱᐱᐱᐱ: 10.07.2018

ᠤᠯᠤᠰ ᠤᠯᠤᠰ ᠤᠯᠤᠰ ᠤᠯᠤᠰ ᠤᠯᠤᠰ 07.06.2018

THS520
FDO acr LUMINESCENTE

[illegible]

• *IMDG*

- **Limited quantities (LQ)**

· **Excepted quantities (EQ)**

5L

Code: E2

Maximum net quantity per inner packaging: 30 = 11

Maximum net quantity per outer packaging: 500 = ||

- **UN "Model Regulation":**

$UN\ 1263 \leq -\sum | \leq \sum, \quad | \int n |. \quad | \int \geq | \int n \neq$
640D, 3. II

15 |

15.1

2012/18/EU

2012, 10, 20 | 1: 5000 ±

$\frac{1}{\pi} \left[\frac{\sqrt{2}}{2} \right] = 2: 50000 \pm$

The figure consists of two parts. The top part shows a single hexagon with vertices labeled 1 through 6 in a clockwise direction starting from the top-left. The bottom part shows a larger section of the lattice, with vertices labeled 1 through 12. It illustrates how multiple hexagons share common edges and vertices, forming a continuous 2D network.

15.2

16 |

[illegible][illegible]

H226 ✓

H304

H312

H315 √

H317

H318 $\sqrt{\quad}$

H319 ✓

H332

H335 

H336

H361d

H373 

77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084

H411 

H412 

IVM Chemicals Srl

 Carlo Porta

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ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

(17)

THS520
FDO acr LUMINESCENTE

(16)

IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids ñ Category 2
Flam. Liq. 3: Flammable liquids ñ Category 3
Acute Tox. 4: Acute toxicity ñ Category 4
Skin Irrit. 2: Skin corrosion/irritation ñ Category 2
Eye Dam. 1: Serious eye damage/eye irritation ñ Category 1
Eye Irrit. 2: Serious eye damage/eye irritation ñ Category 2
Skin Sens. 1: Skin sensitisation ñ Category 1
Repr. 2: Reproductive toxicity ñ Category 2
STOT SE 3: Specific target organ toxicity (single exposure) ñ Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) ñ Category 2
Asp. Tox. 1: Aspiration hazard ñ Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard ñ Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard ñ Category 3
1272/2008/EC
ECHA
INRS Fiche Toxicologique