CERTIFICATES FOR DRINKING WATER 1882

a ten page issue

September 2009
revision of April 2009

PRODUCT NAME	a– INSTITUTE b– DATE OF REPORT/REF. c– VALIDITY d– PRODUCT SHEET/REF.	CONCLUSION
Sigma Universal primer SigmaGuard CSF 75 (SigmaCover 280 SigmaGuard CSF 575)	a– Australian Water Quality Centre b– 20-05-2005 4007/92.1696 c– -- d– 7417, 7475	Sigma Universal primer and Sigmaguard CSF 75 passed the requirements of clause 6.6 relating to genetic toxicity when tested at an exposure of 41700 mm^2 per litre.
Sigma Universal primer SigmaGuard CSF 85 (SigmaCover 280 SigmaGuard CSF 585)	a– Australian Water Quality Centre b– 20-05-2005 4007/92.1697 c– -- d– 7417, 7785	Sigma Universal primer and Sigmaguard CSF 85 passed the requirements of clause 6.6 relating to genetic toxicity when tested at an exposure of 41700 mm^2 per litre.
SigmaGuard CSF 650 (Sigmaguard CSF)	a– Folkehelsa National Institute of Public Health b– 17-03-1995, 95/00672-2-AMI/621.2 (24-11-1995, 95/00672-3-AMI/621.2 transl.date and nr) c– -- d– 7443	Folkehelsa has evaluated SigmaGuard CSF 650 toxicologically and approved SigmaGuard CSF 650 coating for use in potable water tanks on ship and offshore installations.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE	Washing procedures for coatings used in drinking water systems
	b– 07-01-2008, 08/75-05/MIME/RAHE	memo on name-change

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PRODUCT NAME		INSTITUTE DATE OF REPORT/REF. VALIDITY PRODUCT SHEET/REF.	CONCLUSION
SigmaGuard CSF 650 on SigmaCover 280 (SigmaGuard CSF 650 on Sigma Universal primer)	a– b– c– d–	Folkehelsa National Institute of Public Health 14-07-1999, 99/-MINT/ARMI/523.2 (29-5-2001, 95/00672-MINT/ ARMI/523.2 transl.date and nr) -- 7443, 7417	Folkehelsa has approved SigmaGuard CSF 650 with SigmaCover 280 for use as coating in potable water tanks on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 650 with SigmaCover 280 acceptable for use on shore as coating in potable water tanks and reservoirs.
APPENDIX	b– b–	04-12-2007 07/2827-2/MIME/RAHE 07-01-2008, 08/75-05/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change
SigmaGuard CSF 650 on SigmaPrime 200 (SigmaGuard CSF on Sigmaprime)	a– b– c– d–	Folkehelsa National Institute of Public Health 20-08-2001, 99/000672-MINT/ARMI/523.2 -- 7443, 7416	Folkehelsa has approved SigmaGuard CSF 650 with SigmaPrime 200 for use as coating in potable water tanks on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 650 with SigmaPrime 200 acceptable for use on shore as coating in potable water tanks and reservoirs.
APPENDIX	b– b–	04-12-2007 07/2827-2/MIME/RAHE 07-01-2008, 08/75-05/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change
Sigmaguard CSF (SigmaGuard CSF 650)	a– b– c– d–	Universiteit Gent 07-04-1993 -- 7443	The material analyzed satisfies the Belgian Norm NBN S29-001 and the R.D.'s mentioned in the report.

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Sigmaguard CSF 75 (SigmaGuard CSF 575)	a– ARPA b– 23-03-2006, 209/06 c– -- d– 7475	relating to overall migration test in compliance with the circular of Italian Ministry n. 174 Capo 2- art.5 - 06.04.2004, the product is suitable (FOR USE INTO) getting station plant, treatment, adduction and distribution of drinking water
Sigmaguard CSF 75 (SigmaGuard CSF 575)	a– Australian Water Quality Centre b– 02-07-2004 4007/92.1507 c– -- d– 7475	Sigmaguard CSF 75 passed the requirements of clause 6.6 relating to genetic toxicity when tested at an exposure of 41700 mm^2 per litre.
Sigmaguard CSF 75 (SigmaGuard CSF 575) Glass fibre system	a– Australian Water Quality Centre b– 20-05-2005 4007/92.1698 c– -- d– 7475	Sigmaguard CSF 75 / Glass fibre system passed the requirements of clause 6.6 relating to genetic toxicity when tested at an exposure of 41700 mm^2 per litre.
SigmaGuard CSF 575 (Sigmaguard CSF 75)	a– Folkehelsa National Institute of Public Health b– 27-10-1998, 98/2240-MINT/ARMI/523.2 (6-6-2000, 98/2240-2 MINT/ARMI/523.2 transl.date and nr) c– -- d– 7475	Folkehelsa has approved SigmaGuard CSF 575 for use as coating in potable water tanks and pipes on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 575 acceptable for use on shore as coating in potable water tanks, pipes and reservoirs.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE	Washing procedures for coatings used in drinking water systems
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SigmaGuard CSF 575 on SigmaCover 280 (Sigmaguard CSF 75 on Sigma Universal primer)	a– Folkehelsa National Institute of Public Health b– 14-07-1999, 99/729-MINT/ARMI/523.2 (6-6-2000, 98/2193-MINT/ ARMI/523.2 transl.date and nr) c– -- d– 7475, 7417	Folkehelsa has approved SigmaGuard CSF 575 with SigmaCover 280 for use as coating in potable water tanks and pipes on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 575 with SigmaCover 280 acceptable for use on shore as coating in potable water tanks, pipes and reservoirs.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE b– 07-01-2008, 08/75-03/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change
SigmaGuard CSF 575 on SigmaPrime 200 (Sigmaguard CSF 75 on Sigmaprime)	a– Folkehelsa National Institute of Public Health b– 20-08-2001, 99/729-MINT/ARMI/523.2 c– -- d– 7475, 7416	Folkehelsa has approved SigmaGuard CSF 575 with SigmaPrime 200 for use as coating in potable water tanks and pipes on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 575 with SigmaPrime 200 acceptable for use on shore as coating in potable water, tanks pipes and reservoires.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE b– 07-01-2008, 08/75-03/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change

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Sigmaguard CSF 75 (SigmaGuard CSF 575)	a– OTEC Joaquin Riera Tuebols, S.A. b– 03-08-2004 06974 A c– -- d– 7475	The mentioned product Sigmaguard CSF 75, fulfills the demands for global and specific migration of primary amines like isophoronediamine, benzyl alcohol and BADGE, as set down in the Spanish legislation resolution of 4th November 1982 and modification of Order 3rd July 1985 and in real decree 118/2003 of 31st January 2003 and modification Order SCO 983/2003 of 15th April 2003, for any period of contact and temperatures up to 40 °C, and dedicated to coatings that are in contact with alimentary products whose applicable simulant is distilled water for several times.
Sigmaguard CSF 75 (SigmaGuard CSF 575)	a– OTEC Joaquin Riera Tuebols, S.A. b– 03-08-2004 06974 B c– -- d– 7475	The results obtained in the test of chemical resistance to the water chlorine indicate a good behavior of the system tested with a decrease from the inferior hardness to 20%. In reference to the determination of the transfer of compound organic, expressed as total organic carbon (TOC), in the simulate watery type distilled water, the obtained value, although data don't exist in normative national, it is inferior to the limit indicated in the French legislation (circulate DGS/VS4/nº99/217) for materials in contact with water for human consumption (testing 24 hours at 23ºC; <1 mgC/l, and for a relation surface-volume of 0.6 dm-1).

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PRODUCT NAME	a– INSTITUTE b– DATE OF REPORT/REF. c– VALIDITY d– PRODUCT SHEET/REF.	CONCLUSION
Sigmaguard CSF 75 (SigmaGuard CSF 575), SigmaGuard CSF (SigmaGuard CSF 650), SigmaGuard CSF 85 (SigmaGuard CSF 585)	a– SSOG - Stazione sperimentale per le industrie degli oli e grassi b– 26-08-2003, 03/2630 (2390) c– -- d– 7475, 7443, 7785	the product is suitable for applications with pipe and features intended to come in contact with drinking/to make drinkable water
Sigmaguard CSF 75 (SigmaGuard CSF 575)	a– Stanford Consulting Laboratories b– 22-01-1999 WP 98/6569 c– -- d– 7475	Sigmaguard CSF 75 was tested for compliance to BS6920-1996 Edition. The product complies fully to the Sections of the standards 2.2 to 2.6 of the standard at an exposure surface area of ≈ 41,700 mm^2/L of test water.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Australian Water Quality Centre b– 09-07-2004 4007/92.1530 c– -- d– 7785	Sigmaguard CSF 85 passed the requirements of clause 6.6 relating to genetic toxicity when tested at an exposure of 41700 mm^2 per litre.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Belgaqua b– 17-05-2000, belg.097 c– -- d– 7785	Sigmaguard CSF 85 has been found conform the specifications for materials in contact with drinking water.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Environmental Management and Technology Center in Kansai b– 16-02-2001, 708-2 c– -- d– 7785	Sigmaguard CSF 85 has been tested under test methods as stipulated in the Japan Water Works Association K135-2000, suppl.2 and has been found correct and complete.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Environmental Management and Technology Center in Kansai b– 16-02-2001, 708-4 c– -- d– 7785	Sigmaguard CSF 85 has been tested under test methods as stipulated in the Japan Water Steel Pipe Association WSP051-95 and has been found correct and complete.

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PRODUCT NAME	a– INSTITUTE b– DATE OF REPORT/REF. c– VALIDITY d– PRODUCT SHEET/REF.	CONCLUSION
SigmaGuard CSF 585 (Sigmaguard CSF 85)	a– Folkehelsa National Institute of Public Health b– 07-11-2007, 07/2533-6/MIME/RAHE (07/2533-7/MIME/RAHE transl.nr.) c– -- d– 7785	Folkehelsa has approved SigmaGuard CSF 585 for use as coating in potable water tanks and pipes on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 585 acceptable for use on shore as coating in potable water tanks, pipes and reservoirs.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE b– 07-01-2008, 08/75-04/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change
SigmaGuard CSF 585 on SigmaCover 280 (Sigmaguard CSF 85 on Sigma Universal primer)	a– Folkehelsa National Institute of Public Health b– 25-10-1999, 99/730-MINT/ARMI/523.2 c– -- d– 7785, 7417	Folkehelsa has approved SigmaGuard CSF 585 with SigmaCover 280 for use as coating in potable water tanks and pipes on ships and offshore installations .Folkehelsa finds SigmaGuard CSF 585 with SigmaCover 280 acceptable for use on shore as coating in potable water tanks, pipes and reservoirs.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE b– 07-01-2008, 08/75-04/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change

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PRODUCT NAME	a– INSTITUTE b– DATE OF REPORT/REF. c– VALIDITY d– PRODUCT SHEET/REF.	CONCLUSION
SigmaGuard CSF 585 on SigmaPrime 200 (Sigmaguard CSF 85 on Sigmaprime)	a– Folkehelsa National Institute of Public Health b– 20-08-2001, 99/730-MINT/ARMI/523.2 c– -- d– 7785, 7416	Folkehelsa has approved SigmaGuard CSF 585 with SigmaPrime 200 for use as coating in potable water tanks and pipes on ships and offshore installations. Folkehelsa finds SigmaGuard CSF 585 with SigmaPrime 200 acceptable for use on shore as coating in potable water, tanks pipes and reservoirs.
APPENDIX	b– 04-12-2007 07/2827-2/MIME/RAHE b– 07-01-2008, 08/75-04/MIME/RAHE	Washing procedures for coatings used in drinking water systems memo on name-change
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Hygiene-Institut des Ruhrgebiets, Gelsenkirchen b– 07-07-1999, W-113918-04-SI c– 07-07-2009 d– 7785	The epoxy coating fulfils the requirements of DVGW-Arbeitsblatt W270 for the use with drinking water.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Hygiene Ministry, The Peoples Republic of China b– 14-05-2004, 2004-0031 c– 13-05-2008 d– 7785	Over auditing, this product meet (life drinking water hygiene monitoring management methods) relevant regulations and approve to use.
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Institute of Maritime and Tropical Medicine, Gdynia, Poland b– 22-03-2000, 64/PB/251/110/2000 c– 22-03-2010 d– 7785	The product meets hygienic standards.

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Sigmaguard CSF 585 (SigmaGuard CSF 85)	a– The Netherlands Waterworks' Testing and Research institute KIWA N.V. b– 15-02-2009, K12827/04 c– -- d– 7785	Sigmaguard CSF 585 is suitable for application as coating system in potable water installations with a maximum operating temperature of 35°C.
Sigmaguard CSF 585 (SigmaGuard CSF 85)	a– Water Regulations Advisory Scheme (WRAS) b– 06-04-2009, MA3787/Y c– March 2014 d– 7785	The samples of this product meet the test criteria of BS 6920 : Part 1 ("Specification") and thus comply with the requirements of the Water Regulations Advisory Scheme Tests of Effect of Water Quality. (Factory Applied)
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– Intertek ETL SEMKO b– 18-03-2004, MA2866/J c– -- d– 7785	This product has satisfied the criteria set out in BS 6920: Part 1: 2000 “Specification” and thus complies with the requirements of the Water Regulations Advisory Scheme Tests of Effect on Water Quality (BS 6920: 2000). It is suitable for use with cold but not hot water.
Sigmaguard CSF 585 (SigmaGuard CSF 85)	a– NSF b– 30-01-2006, PM05897 c– -- d– 7785	Sigmaguard CSF 585 conforms to the requirements of NSF standard 61 - Drinking Water System Components - Health Effects.
Sigmaguard CSF 585 (SigmaGuard CSF 85)	a– NSF b– 10-04-2007 c– -- d– 7785	Sigmaguard CSF 585 conforms to the requirements of NSF standard 61 - Drinking Water System Components - Health Effects.

For the most accurate information, always confirm this certification/listing information by going directly to http://www.nsf.org/Certified/PwsComponents/Listings.asp?Company=2W800&Standard=061&

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PRODUCT NAME	a– INSTITUTE b– DATE OF REPORT/REF. c– VALIDITY d– PRODUCT SHEET/REF.	CONCLUSION
Sigmaguard CSF 85 (SigmaGuard CSF 585)	a– SETSCO Services Pte Ltd b– 14-10-1999, H19631/ST c– -- d– 7785	Sigmaguard CSF 85 is deemed suitable for contact with water intended for human consumption, in accordance with SS 375:1994.
Sigmaguard CSF 585 (SigmaGuard CSF 85)	a– UKRAINE b– 10-12-2007, 61856 c– 25-12-2012 d– 7785	Certificate is in the Ukrainian language
SigmaLine 523	a– The Netherlands Waterworks' Testing and Research institute KIWA N.V. b– 15-02-2009, K12827/04 c– -- d– 7623	SigmaLine 523 is suitable for application as coating system in potable water installations with a maximum operating temperature of 35°C.
Sigma Phenguard 930, Sigma Phenguard 940	a– Tritec environmental services LTD b– 28-05-2009, CHL/09/21332-2 c– -- d– 7409, 7436	The related Tritec certificate confirms that the Phenguard coating system would be suitable for ship potable water tank with respect to odour/taste pick up, upon super chlorination, to the specification outlined in the above test method. Local legislation may require the use of a different coating system. For this reason always consult PPG PMC Headoffice.