

Test Report

No.: GZHG1007008912OG

Date: AUG 05, 2010

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HOMEDICS GROUP LTD
 HOMEDICS HOUSE, SOMERHILL BUSINESS PARK, FIVE OAK GREEN ROAD, TONBRIDGE, KENT TN11
 0GP ENGLAND

The following sample(s) was/were submitted and identified on behalf of the applicant as

Sample Description : FOOT AND CALF MASSAGER
 SGS Ref No. : GZES1007001179HS
 SGS Job No. : GZ1007080781/CHEM
 Model No. : FC-200H-EU, FC-200H-GB
 Product Category : MESSAGE
 Electrical Rating : 220-240V / 50-60HZ.45W
 Buyer : HOMEDICS
 Manufacturer/Supplier : GUAN ZHANG ELECTRICAL (SHEN ZHEN) CO., LTD
 Country of Origin : CHINA
 Country of Destination : UK AND EU
 Sample Receiving Date : JUL 15, 2010
 Testing Period : JUL 15, 2010 TO JUL 21, 2010

	Test Requested	Result
1)	Determination of Azodyes in the submitted sample(s) with reference to the Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).	PASS

Signed for and on behalf of
 SGS-CSTC Ltd.



Shiny Hu
 Senior Engineer

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Results :

1)

 Method : As per EN 14362-2:2003 & § 64 LFGB BVL B 82.02.9:2008.
 Analysis was performed by GC-MS and HPLC.

No. Forbidden Amines Substances	CAS-No.	Result (ppm)
		No.1
		EN 14362-2 & § 64 LFGB BVL B 82.02.9:2008
1. 4-Aminodiphenyl / xenylamine/ Biphenyl-4-ylamine	92-67-1	N.D.
2. Benzidine	92-87-5	N.D.
3. 4-Chloro- <i>o</i> -toluidine	95-69-2	N.D.
4. 2-Naphthylamine	91-59-8	N.D.
5. <i>o</i> -Aminoazotoluene / 4- <i>o</i> -tolylazo- <i>o</i> -toluidine / 4-amino-2',3-dimethylazobenzene	97-56-3	N.D.
6. 2-Amino-4-nitrotoluene / 5-nitro- <i>o</i> -toluidine	99-55-8	N.D.
7. <i>p</i> -Chloranilin / 4-chloroaniline	106-47-8	N.D.
8. 2,4-Diaminoanisole / 4-methoxy- <i>m</i> -phenylenediamine	615-05-4	N.D.
9. 4,4'-Diaminodiphenylmethane / 4,4'-methylenedianiline	101-77-9	N.D.
10. 3,3'-Dichlorobenzidine / 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1	N.D.
11. 3,3'-Dimethoxybenzidine / <i>o</i> -dianisidine	119-90-4	N.D.
12. 3,3'-Dimethylbenzidine / 4,4'-bi- <i>o</i> -Toluidine	119-93-7	N.D.
13. 4,4'-methylene-di- <i>o</i> -toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	N.D.
14. <i>p</i> -Cresidin / 6-methoxy- <i>m</i> -toluidine	120-71-8	N.D.
15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'-methylene-dianiline	101-14-4	N.D.
16. 4,4'-Oxydianiline	101-80-4	N.D.
17. 4,4'-Thiodianiline	139-65-1	N.D.
18. <i>o</i> -Toluidine / 2-aminotoluene	95-53-4	N.D.
19. 2,4-Toluyldiamine / 4-methyl- <i>m</i> -phenylenediamine	95-80-7	N.D.
20. 2,4,5-Trimethylaniline	137-17-7	N.D.
21. 4-Aminoazobenzene	60-09-3	N.D.
22. <i>o</i> -Anisidine / 2-methoxyaniline	90-04-0	N.D.
23. 2,4-Xylidine	95-68-1	N.D.
24. 2,6-Xylidine	87-62-7	N.D.
Comment	--	PASS

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- Note :
1. ppm = mg/kg
 2. Method Detection Limit(MDL) = 5 ppm
 3. N.D. = Not Detected (< MDL)
 4. EN 14362-2 is corresponding to LFGB § 64 BVL B 82.02.4 – 1998 of German Commodities Ordinance.
 5. The analysis detected the presence of aniline / 1,4-phenylenediamine which suggesting the probable presence of the forbidden amine 4-aminoazobenzene. Further testing using LFGB § 64 BVL B 82.02.9:2008 or ISO/DIS 17234-2:2009 is therefore recommended to confirm the presence of 4-aminoazobenzene.

Requirement : ≤ 30 ppm for each of No.1-22 aromatic amines according to Requirement of Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).No. 1-20, 22-24 – Client requirement.

Remark : Test specimen was taken randomly from the sample submitted by client/applicant.

Test Part Description:

No. 1 Black mesh sheet

Sample photo :



*** End of Report ***

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