HELLENIC REPUBLIC MINISTRY OF FINANCE GENERAL DIRECTORATE OF GENERAL CHEMICAL STATE

Athens 28-07-2004 Prot. Num: 01611/015/000 Sample Num: 015/050/122/2004

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LABORATORY D' DIVISION SECTION D'

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## **TEST REPORT**

MARIS POLYMERS, INDUSTRIAL AREA, 320 11 Sending Authority **OINOFYTA** Protocol Number and Date Of the Document of Sending Authority Application of 18/05/2004 Sampling Authority MARISEAL 300 Type of Sample Number of Sampling Protocol Supplementary Sampling Information Date of Receipt 18/05/2004 12/06/2004-27/07/2004 Date of Test Performance Packaging Notes on the condition of the sample upon receipt Packaging Labelling

## TEST RESULTS OF THE SAMPLE

Test	Test Method	Result
Identification of Porymer	FT-IR	Polylisocyanate resin (Polyurethane)
Estimation of the Specific Migration of the Contained Additives	EM4 GC-FID	λ<1, Specific not considerable
Gas Chromatographic Analysis of Volatile constituents	IDVS Head Space GC-MSD	Compounds identified: Traces of m-, p- xylene and trimethyl benzene

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0 11 8 8 1 1 1 1 1 1 1 1 1 1	0144	Three successive tests
Overall Migration into Water with Standard Cell	OM1 Gravimetric EN 1186-5	Three successive tests (3d/23oC) with fresh simulant each: 1 <sup>st</sup> : 0.5 mg/dm2, 2 <sup>nd</sup> :
		<pre>&lt;0.5 mg/dm2, 3nd : &lt; 0.5 mg/dm2</pre>
Organoleptic test	In House	Three successive tests (3d/23oC) with fresh simulant each: 1 <sup>st</sup> , 2 <sup>nd</sup> , 3nd : Differences were not found out between samples and blank
Total Organic Carbon	TOC ANALYZER	Three successive tests (3d/23oC) with fresh simulant each: 1 <sup>st</sup> , 2 <sup>nd</sup> , 3nd : TOC <sub>tap</sub> < 0.5 mg/Kg
Total Organic Carbon	TOC ANALYZER	Three successive tests (3d/23oC) with fresh simulant each: 1 <sup>st</sup> , 2 <sup>nd</sup> , 3nd: TOC< 0.3 mg/dm2 (corresponding to German Specifications)

Text on the Check of Labelling: -

JUDGEMENT: The sample of "MARISEAL 300":

- a. conforms with the articles 21,21a 24, 26 and 28 of the Part II of the Greek Codex Allimentarius (National Legislation) and the relevant EEC directives with regard to the tests performed concerning the migration of its constituents to aqueus foodstuffs.
- b. Is suitable for use in contact with drinking water according to the German Legislation (Kuntstoffe im Lebensmittelverkehr, par. 1.3.2.5.2).

<u>Note:</u> 1. The rest of the sample will be destroyed at the laboratory, if not requested by the client within one month. The sample was sampled and delivered by the client.

2. The methods of migration and organoleptic test are based on ELOT EN 1484, prEN 12873-1 and prEN 14395-1 standards.

The Analysts

The Head of the Laboratory

The Head of the Division p.o.

Eug! Lampi M. Anastassiadou

Eug. Lampi

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GENERAL CHEMICAL STATE LABORATORY

FORM TITLE: Test Report

FORM: ENT 00 00 11 001/ Issue 3/D34 Sec. C / 22-2-2000

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