

Federal Service for Surveillance in the Sphere of Consumer Rights Protection and Human Welfare

**Federal State Healthcare Agency**

**“Center for Hygiene and Epidemiology in the Moscow Region”**

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**Acting Head Doctor  
(Deputy)**

(signature)

**APPROVED BY:  
O.A. Gildenskiold**

(Round seal with RF Coat of arms and the following wording; Federal Service for Surveillance in the Sphere of Consumer Rights Protection and Human Welfare - Federal State Healthcare Agency - Center for Hygiene and Epidemiology in the Moscow Region –PSRN 1055005109147)

**Expert Conclusion on Production**

# 326-18 dated 27 February 2012

**Applicant** LLC “Plastics Recycling Plant “PLARUS”  
(full name of the company (organization))

**Registered address** Russian Federation, Solnechnogorsk city Industrial area Rekindso, building 1, p/o box 132

**Documents examined:** Technical Specifications (TU) 2226-004-93705408-2009, letter on nanotechnology non-use, process description, certificate of quality, label

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**Application for expert examination # 326 dated 09.02.2012**

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**Agreement (Contract)**

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**Unified State Register of Legal Entities statement # 2729 dated 12.12.2012**

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**Sanitation and epidemiological conclusion on production** (inspection report of Technological Department of the Administration)

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**Sanitation and epidemiological conclusion on normative and technical documentation**

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**Norms and specifications (Technical Specifications (TU), GOST, OST for domestic manufacturers)**  
TU 2226-004-93705408-2009 “High-viscosity granulated polyethylene terephthalate of the trade mark “ClearPET”

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**Documentation on raw materials:** certificate of quality 259 on polyethylene terephthalate (granulate) of the trade mark “ClearPET-A”

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**Production name:** High-viscosity granulated polyethylene terephthalate of the trade mark “ClearPET”

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**Manufacturing company:** LLC “Plastics Recycling Plant “PLARUS”\_Moscow region, Solnechnogorsk city Industrial area Rekindso, building 1, p/o box 132

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**Technical description of the product including its composition and field of application (for imported product – including its composition and terms of application):**

**Field of application** – for the production of plastic polyethylene terephthalate bottles (also for food products)

**Composition:** polyethylene terephthalate

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**Laboratory test (research):** Federal State Healthcare Agency “Center for Hygiene and Epidemiology in the Moscow Region” # 462 dated 24.02.2012.

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### Hygienic characteristics of the product

Raw material composition: polyethylene terephthalate		
Substances, rates		sanitary-hygienic standard permissible amount of migration mg/l, toxicity index %
Acetaldehyde	less than 0,001	0,2
Acetone	less than 0,001	0,1
Butanol	less than 0,001	0,5
Dimethyl terephthalate	less than 0,001	1,5
Isobutyl alcohol	less than 0,001	0,5
Methyl alcohol	less than 0,001	0,2
Formaldehyde	less than 0,02	0,1
Ethylene glycol	less than 0,1	1,0
toxicity index	99,1	70-120
odor intensity (grades)	0	1

**Field of application:** for the production of plastic polyethylene terephthalate bottles (also for food products)

**Expert's conclusion:** Based on the examination of applied documents and the test results of a specimen of high-viscosity granulated polyethylene terephthalate of the trade mark "ClearPET", it is hereby confirmed that it conforms with hygienic requirements GN 2.3.3.972-00 "Maximum permissible concentrations of chemicals emitted by materials contacting with food products, "Unified Sanitary-Epidemic and Hygienic Requirements" adopted by ruling #299, Chapter 2 Section 16.

**Expert conducting the examination**

**(signature)**

**Artyushkina G.I.**

Full name