




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET1701A**

HOLDER OF CERTIFICATE:
Petainer Lidköping AB

MANUFACTURER: Petainer Lidköping AB, Plastgatan 3, SE-531 19 Lidköping, SWEDEN

MARKING ON PACKAGING:  **1H1/Y1.0/140/YR/N/NET1701A - ID**

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code	Description	Drawings	Material
1H1	Plastics drums, non-removable head, 1 l	06661-03	Ramapet R182, Indorama Polymers

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap, childproof	Emballator Växjö Plast AB	11408	POM (inner) /PP (outer)	None	1.75 Nm



DIMENSIONS:

Packaging weight, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
33.4 - 35	1.0	253	83	33

APPROVAL:

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to delegated authority from Norwegian Civil Aviation Authority (Luftfartstilsynet) - 200701524-6/492/JLU.

REGULATIONS BASED UPON FOR APPROVAL:

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

UN Recommendations on the Transport of Dangerous Goods.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA Dangerous Goods Regulations, for the air transport.

APPROVAL IS VALID FOR:

The packaging is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Packaging #
White spirit	1.0	137	1
Bioethanol, 96% ethanol	1.0	114	1

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P802381	08.07.2008	SP	Type approval
P905633	07.10.2009	SP	Type approval
Name change of material	December 2010	Indorama	General notice

LERUM, SWEDEN

22.01.2013

CERTIFICATE IS VALID UNTIL:

31.01.2018


Susanne E. Dalhberg
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification