



PRODUCT APPROVAL of PACKAGING FOR TRANSPORTATION of DANGEROUS GOODS

CERTIFICATE NO.: NET1104A

Holder of certificate: Gravenhorst Plast A/S

Manufacturer: Gravenhorst Plast A/S
Sanbyvej 57
DK-4171 Glumsø
DENMARK


Product:	Packaging code	Description	Product identification	Material
	3H1	Plastics jerrican with non-removable head	Blow-moulded jerrican 4 litre Drawing no: according to report NET1104A	Quattor HS-5502 E3

Closing mechanism:	Closure type	Product identification	Material	Gasket	Closure torque
	Screw cap	Manufacturer: Gravenhorst Plast A/S	Quattor HS-5502 E3	NBR P2860	3 Nm

Photo:



Dimensions:	Volume, litre	Packaging weight, gram	Height, mm	Width, mm	Length, mm
	4	391.5 - 411.1	125.5	192.2	277.3

Marking on packaging:  3H1/X1.1/250/YR/N/NET1104A - 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 manufacturing.

Approval: NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations on Transportation of Dangerous Goods on road and railway § 11-1, 7th segment.
 NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).
 NET issues the certification on described product according to approval from Norwegian Civil Aviation Authority (Luftfartstilsynet) based on BSL D 1-7 , § 10 , ICAO TI, Chapter 4 and UN Model Regulation, part 6.

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: Liquid substances that do not adversely affect the packaging material. Compatibility testing has been carried out according to ADR/RID with the standard liquid listed below. The packaging has also been permeability tested according to ADR/RID. The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instruction.

Packaging groups	Standard liquid	Max. relative density	Max. vapour pressure at +50°C
I,II and III	White spirit	1.0	200 kPa
I,II and III	Acetic Acid	1.1	200 kPa

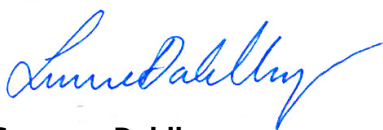
Basis for certification: Additional testing for UN1993, bioethanol E85

Documents based upon for approval:

Report id.	Date	Issued by	Scope
NET1104A	18.08.2010	NET	Type testing
NET1104A-1	27.10.2010	NET	Type testing
NET1104A-2	27.01.2011	NET	Type testing

Lerum, Sweden: 31.01.2011

Certificate is valid until: 31.01.2016



Susanne Dahlberg
 Certification Officer



Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS
Certification