



**PRODUCT APPROVAL OF PACKAGING
FOR
TRANSPORTATION OF DANGEROUS GOODS**

CERTIFICATE NO.: NET1101B

Holder of certificate: Gravenhorst Plast A/S

Manufacturer: Gravenhorst Plast A/S
Landerslevvej 60
DK-3630 Jægerpris
DENMARK


Product:	Packaging code	Description	Drawings	Material
	3H1	Blow moulded plastics jerrican with non-removable head	Jerrican, 5 l, Drawing: NET1101B	Borealis HDPE BL1481

Closing mechanism:	Closure	Material	Gasket	Closing torque
	Screw cap, made by Zar plast	Borealis HDPE BL2571	NBR	3 Nm

Photo:



Dimensions:	Volume, litre	Packaging weight, g	Height, mm	Width, mm	Length, mm
	5	min. 321.7 – max. 337.8	260	135	260

Marking on packaging:  **3H1/Y/200/YR/N/NET1101B – 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.

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).

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 materials. Compatibility testing has been carried out according to ADR/RID with the standard liquids listed below. Permeability test has been carried out according to ADR 6.1.5.7.

Packaging groups	Content / Standard liquid	Max relative density	Max. vapour pressure at 50 °C, kPa
II and III	white spirit	1.0	171

Basis for certification: Light weight and new material

Documents based upon for approval:

Report id.	Date	Issued by	Scope
NET1101B	09.12.2008	NET	Type testing

Porsgrunn: 11.12.2008

Certificate is valid until: 31.12.2013



Geir Morten Johansen
 Certification Officer



Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS
Certification