TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0404B

HOLDER OF CERTIFICATE:

Berry Norway Containers AS

MANUFACTURER: Berry Norway Containers AS, Brevikveien 535, N-1506 Moss, Norway

MARKING ON PACKAGING:

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the jerricans, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

(un) 3H1/Y1.9/150/YR/N/NET0404B - ID

(un)	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.9	: Packaging group II and III, and relative density of the substance
150	: Hydraulic test pressure in kPa
YR	: To be replaced with the last two digits of the year of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET0404B - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

Method of manufacture/ Description/ Min. wall thickness
Blow moulded stackable jerrican performed in HDPE, details in report. Minimum wall thickness 1.10 mm.

DIMENSIONS:

Weight of the jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing
430 - 469	10.0	322*190*230	60	A1-040-E
430 - 469	10.0	322*190*230	55	A1-040-E
430 - 469	10.0	322*190*230	40	A1-040-E

NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
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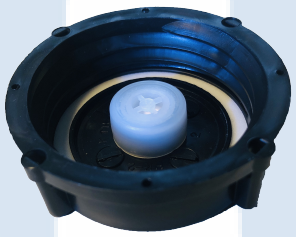
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	9.8	10.0	10.2	10.4	10.6

CLOSING MECHANISM:

#: Screw cap, mm	Producer	Drawing	Material	Gasket	Torque, Nm
1: 60	KTH GmbH	SK-61/16	Finathene SI508	Alkozell 200	15
2: 55	KTH GmbH	KTH-51/6	Finathene SI508	Alkozell 200	15
3: 55	KTH GmbH	SK-51/16	Finathene SI508	Alkozell 200	15
4: 40	Modulpac AB	40BGPP/ 8400003	HDPE, details in report	PET/ PE / foamed EPE / PE / solid PET	6
5: 40	Modulpac AB	40PMPP/ 7250001	HDPE, details in report	PET/ Alkozell/ PET	6
6: 60	RPC Promens Packaging Ltd	Din61 issue-2	Basell 5331A	PE foam	20
7: 55	RPC Promens Packaging Ltd	Pilfer proof Din 51	Finathene SI508	EPE	15

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LEGISLATION:
The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.
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 - 2023/4375 PRAX.
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 an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

REGULATIONS BASED UPON FOR APPROVAL:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
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.

TESTS CARRIED OUT:
Prototype tests performed and approved according to the above regulations:
6.1.5.2.6 Chemical compatibility
6.1.5.3 Drop test
6.1.5.4 Leakproofness test
6.1.5.5 Internal pressure test
6.1.5.6 Stacking test
6.1.5.7 Supplementary permeability test

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APPROVAL IS VALID FOR:

The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing, ADR 6.1.5.2.6, to this specific liquid.

The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR. Transport of the substance is only allowed if the approval of the standard liquid(S), covered by "Rule for collective entries", has the same or higher relative density as the substance to be transported.

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Screw cap #
Standard liquid A: Wetting Solution	1.2	142	1,2,4,6,7
Standard liquid B: Acetic Acid	1.2	142	1,2,4,6,7
Standard liquid C: n-Butyl acetate	1.0	142	1,2,6,7
Standard liquid D: Mixture of hydrocarbons	1.0	142	1,2,5,6,7
Standard liquid E: Nitric Acid	1.4	142	1,2,3,6,7
Standard liquid F: Water	1.9	142	1,2,4,6,7

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0404A	05.10.2007	NET	Type approval
SSGU05002	15.02.2005	Borealis	Type Approval
P501267	20.03.2005	SP	Type Approval
080025	28.03.2008	TÜV	Type Approval
NET0404B	18.03.2008	NET	Technical evaluation
NET0216A	07.06.2011	NET	Type tesing
NET0215D	08.08.2012	NET	Additional test cap 7
NET02T15	20.04.2016	NET	Additional test cap 6
NET0404AOF	21.11.2018	NET	New name, cap 4 and 5
NET2824A	23.03.2021	NET	Additional test, 40 PMPP
NET2825A	23.03.2021	NET	Additional test, 40 BGPP

VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

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TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495 and ISO13274.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **26.10.2023** CERTIFICATE IS VALID UNTIL: **31.03.2026**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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