PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS

CERTIFICATE NO.: NET0110A

Holder of certificate: Emballator Mellerud Plast AB

Manufacturer: Emballator Mellerud Plast AB
Box 83, (Industrigatan 2)
S-464 22 Mellerud
SWEDEN

Product:

Packaging code	Description	Drawings	Material
3H1	Plastics jerrican with non-removable head	Jerrican, 5 liter, Drawing H0530-410-952	Sabic HDPE, B5210

Closing mechanism:

Closure type	Material in cap	Gasket	Closing torque
Plastic screw cap, Drawing nr. 11376	Sabic B5429	PET coated polyethylene	7 Nm
Plastic screw cap, Drawing nr. 11376	Sabic B5429	None	7 Nm
Plastic screw cap, Drawing nr. 11448-3	Inner: Sabic B5429 Outer: Borealis MG9621S	PET coated polyetylene	7 Nm
Plastic screw cap, Drawing nr. 12140B	Inner: Basell ACP6541A Outer: Borealis MG9621S	PE coated polyethylene	7 Nm
Plastic screw cap, Drawing nr. 12142B	Basell ACP6541A	None	7 Nm
Plastic screw cap, Drawing nr. 12140B	Inner: Sabic B5429 Outer: Borealis MG9621S	PE coated polyethylene	7 Nm
Plastic screw cap, Drawing nr. 12142B	Sabic B5429	None	7 Nm

Photo:





Dimensions:

Neck size, mm	Packaging weight, g	Volume, litre	Height, mm	Width, mm	Length, mm
40	300	5	286	123	194

Nordisk Emballasje Testing AS
Foretaksnr.: 990 793 840
Blekebakkvegen 45
N-3950 Brevik
Telefon: +47 900 17025
www.net17025.com

Marking on packaging: **3H1/Y1.4/200/YR/N/NET0110A – 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.

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.
COTIF, Convention concerning International Carriage 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.

Packaging groups	Standard liquid	Max. relative density	Max. vapour pressure, kPa at +50°C
II and III	water	1.4	171
II and III	white spirit	1.0	171

Basis for certification: Type Approval with new material

Documents based upon for approval:

Report id.	Date	Issued by	Scope
NET0110A	23.11.2007	NET	Type approval

Porsgrunn: **30.11.2007** **Certificate is valid until:** **30.11.2012**

Geir Morten Johansen
Certification Officer

Rune Madsen Fink
Control Officer

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