




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0140SA**

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

MANUFACTURER: Emballator Mellerud Plast AB, Box 83, SE-464 22 Mellerud, SWEDEN

MARKING ON PACKAGING:  **3H1/Y1.9/150/YR/N/NET0140SA - 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
3H1, Plastics jerricans	non-removable head	H2500-610-131, H2000-610-131, H1500-610-131	HDPE, details in report
3H1, Plastics jerricans	non-removable head	H2500-610-142, H2000-610-142, H1500-610-142	HDPE, details in report

CLOSING MECHANISM:

Screw cap	Producer	Drawings	Material	Gasket	Torque
61 mm	Bergi-Plast GmbH	Kanisterverschluss Nr.61 neutral v.8	Total 51090	EPE 300	20 Nm
25 mm	Modulpac AB	8250001	Ineos PE B53-35H-011	PET/Alkozell/PE T	20 Nm

DIMENSIONS:

#: Jerrican weight, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 922-1499	25.0	288	251	456	61 / 22
2: 808-1323	20.0	288	251	380	61 / 22
3: 703-1160	15.0	288	251	310	61 / 22
4: 1143-1499	25.0	288	251	456	61 / 22
5: 999-1323	20.0	288	251	380	61 / 22
6: 865-1160	15.0	288	251	310	61 / 22
7: 922-1499	25.0	288	251	456	61

8: 808-1323	20.0	288	251	380	61
9: 703-1160	15.0	288	251	310	61
10: 1143-1499	25.0	288	251	456	61
11: 999-1323	20.0	288	251	380	61
12: 865-1160	15.0	288	251	310	61

APPROVAL:

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 - 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 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.

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. Permeability test has been carried out according to ADR 6.1.5.7. 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	Jerrican #
n-Butylacetate	1.0	143	7-12
Nitric acid	1.4	143	7-12
Mixture of hydrocarbons	1.0	143	7-12
Acetic acid	1.1	143	All items
Water	1.9	143	All items
Wetting solution	1.2	143	4-6, 10-12

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0140SA	08.04.2019	NET	Type approval
NET01TE14	13.05.2019	NET	Technical evaluation, 20 and 15 l

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.



PORSGRUNN, NORWAY

14.05.2019 CERTIFICATE IS VALID UNTIL:

31.05.2024



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

