




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0130A**

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/NET0130A - 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	PR-1308 151008	HDPE, details in report

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap child resistant	Emballator Växjöplast AB	40-948/901G	HDPE, details in report	Cone	5 Nm
2: Screw cap child resistant	Emballator Växjöplast AB	40-983/901G	HDPE, details in report	EPE/PET	5 Nm
3: Screw cap child resistant	Emballator Växjöplast AB	40-985/901G	HDPE, details in report	EPE/PET	5 Nm
4: Screw cap child resistant	Emballator Växjöplast AB	40-900/901G	HDPE, details in report	Cone	5 Nm
5: Screw cap child resistant	Emballator Växjöplast AB	40-255/901G	HDPE, details in report	EPE/ALU	6 Nm



DIMENSIONS:

#: Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
1: 157 - 290	5.0	290	127	194	40 std
2: 230 - 290	5.0	290	127	194	40 UN
3: 138 - 255	4.0	250	127	194	40 std
4: 203 - 255	4.0	250	127	194	40 UN

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.

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, and approved for packaging 2. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, 100 kPa at +50°C	Max. vapour pressure, 150 kPa at +50°C
Water	1.9	Packaging 1 and 3, closure 1-4	Packaging 2 and 4, closure 5
Wetting solution	1.2	-	Packaging 2 and 4, closure 5
Acetic acid	1.1	Packaging 1 and 3, closure 1-4	Packaging 2 and 4, closure 5
n-Butyl acetate	1.0	-	Packaging 2 and 4, closure 5
White spirit	1.0	Packaging 1 and 3, closure 1-4	Packaging 2 and 4, closure 5

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0130A	26.07.17	NET	Type approval
NET0130A2	26.07.17	NET	Type testing; cap 2,3,4
NET0130A5	14.09.17	NET	Type testing; P#2 WS, n-Ba

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

26.10.2017 CERTIFICATE IS VALID UNTIL:

31.10.2022


 Geir Morten Johansen
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS Certification