




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0103B**

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

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

MARKING ON PACKAGING:  **1H1/Y1.2/100/YR/N/NET0103B - 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
1H1	Plastics drums, non-removable head	U0-100-280, U0-100-330	HDPE

CLOSING MECHANISM:

# : Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap	Emballator Växjöplast AB	12485, 32 mm	HDPE	none	2 - 3 Nm
2: Screw cap	Emballator Växjöplast AB	12484, 28 mm	HDPE	none	2 - 3 Nm
3: Screw cap, child resistant	Modulpac AB	32BO, 32 mm	PP / HDPE	Alkozell	2 - 3 Nm



DIMENSIONS:

#: Packaging weight, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
1: 47.4 - 62.5	1.0	253.6	82.5	28
2: 47.4 - 62.5	1.0	253.6	82.5	32
3: 49.7 - 57.9	1.0	253.6	82.5	28
4: 49.7 - 57.9	1.0	253.6	82.5	32

APPROVAL:

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. 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	Closure # / Packaging #
Acetic acid	1.1	114	1,2,3 / 1,2,3,4
Water	1.2	114	1,2,3 / 1,2,3,4
White spirit	1.0	114	1,2,3 / 3,4

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0103B	17.03.2015	NET	Type approval
NET0103B2	22.10.2015	NET	Additional test WS

LERUM, SWEDEN

08.12.2015 CERTIFICATE IS VALID UNTIL:

31.12.2020



Susanne E. Dahlberg
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification