



**PRODUCT APPROVAL OF PACKAGING
FOR
TRANSPORTATION OF DANGEROUS GOODS**

CERTIFICATE NO.: NET0116A

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, 10 litre, Drawing D1000-410-998	Sabic HDPE, B5210

Closing mechanism:	Closure type	Material in cap	Gasket	Closing torque
	Plastic screw cap, Drawing nr. V 6126-OV	Marlex Polyethylene, HXM50100	Procell-E	15 Nm

Photo:



Dimensions:	Neck size, mm	Packaging weight, g	Volume, litre	Height, mm	Width, mm	Length, mm
	51 and 40	410	10	308,5	190	236
	51 and 40	480	10	308,5	190	236

Marking on packaging:  **3H1/Y1.4/150/YR/N/NET0116A - 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.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).

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.
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	142
II and III	n-butyl acetate	1.0	142
II and III	acetic acid	1.1	142
II and III	white spirit	1.0	142

Basis for certification: Additional type testing for acetic acid

Documents based upon for approval:

Report id.	Date	Issued by	Scope
NET0116A	28.08.2008	NET	Type approval
NET0116A-1	18.09.2008	NET	Additional type testing

Porsgrunn: 17.10.2008

Certificate is valid until:

31.09.2013



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS
Certification