,

# PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS

## CERTIFICATE NO.: NET0122A

**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 | Product identification | Material |
|---|---|---|---|
| 3H1 | Plastics jerrican with non-removable head | Blow-moulded jerrican, 25 l Drawing no: W 3144 | Sabic B5210 |

**Closing mechanism:**

| Closure type | Product identification | Material | Gasket | Closure torque |
|---|---|---|---|---|
| Plastic screw cap | Drawing no: 93052-00 | Borealis BS2581 | Foamed PE Alveocell | 25 Nm |

**Photo:**





**Dimensions:**

| Volume, litre | Neck size, mm | Packaging weight, g | Height, mm | Width, mm | Length, mm |
|---|---|---|---|---|---|
| 25 | 48.0 | 1120.0 – 1308.2 | 445 | 250 | 290 |



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

**Marking on packaging:** **3H1/Y1.9/150/YR/N/NET0122A – 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 manufacturing

**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).
NET issues the certification on described product according to approval from Norwegian Civil Aviation Authority (Luftfartstilsynet) based on BSL D 1-7 , § 10 , ICAO TI, Chapter 4 and UN Model Regulation, part 6.

**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 material. Compatibility testing has been carried out according to ADR/RID with the standard liquids listed below. The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instruction.

| Packaging groups | Standard liquid | Max. relative density | Max. vapour pressure at +50°C |
|---|---|---|---|
| II and III | Acetic acid | 1.1 | 142 kPa |
| II and III | Water | 1.9 | 114 kPa |
| II and III | White Spirit | 1.0 | 114 kPa |
| II and III | n-Butylacetate | 1.0 | 114 kPa |

**Documents based upon for approval:**

| Report id. | Date | Issued by | Scope |
|---|---|---|---|
| P806145A | 01.07.2009 | SP | Type testing |
| NET0120A | 19.01.2011 | NET | Type testing |

**Lerum, Sweden:** **04.03.2011**

**Certificate is valid until:** **31.03.2016**

**Susanne Dahlberg**
Certification Officer

**Rune Madsen Fink**
Control Officer

***Nordisk Emballasje Testing AS***
***Certification***



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