



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0370A

HOLDER OF CERTIFICATE:
Greif Sweden AB

MANUFACTURER:

Greif Sweden AB, Kvekatorpsvägen 25, Box 203, SE-311 23
Falkenberg, Sweden

MARKING ON PACKAGING:

Ⓜ 3H1/Y1.9/200/YR/N/NET0370A-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	Drawing	Material
3H1 Plastics jerricans	non-removable head	FB-0033	HDPE, details in report



CLOSING MECHANISM:

Screw cap	Producer	Drawing	Material	Gasket	Torque
61 mm	Bergi-plast GmbH	00-1836	HDPE	Washer, PEfoam	25 Nm
25 mm	Modulpac AB	7250001	HDPE	ALKOzell	3 Nm



DIMENSIONS:

Weight of jerrican, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
1155.6 -1283.6	25.0	295.0	260.0	440.0	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
Acetic acid	1.2	171 kPa
Mixture of hydrocarbons	1.0	171 kPa
n-Butylacetate	1.0	171 kPa
Water	1.9	171 kPa
Wetting solution	1.2	171 kPa

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0370AT	24.04.2020	NET	Type approval

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

24.04.2020 CERTIFICATE IS VALID UNTIL:**31.10.2020**

Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification