

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET0370B**

HOLDER OF CERTIFICATE:

**Greif Sweden AB**

**MANUFACTURER:**


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

**MARKING ON PACKAGING:**

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high, of an appropriate size.

The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the jerricans, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

 **3H1/Y1.9/200/YR/N/NET0370B-ID**

-  : The United Nations symbol
- 3H1 : Plastics jerricans, non-removable head
- Y1.9 : Packaging group II and III, and relative density of the substance
- 200 : Hydraulic test pressure in kPa
- YR : To be replaced with the last two digits of the year of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET0370B - ID : Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

**PRODUCT:**

Method of manufacture/ Description/ Min. wall thickness
Blow moulded stackable jerrican performed in HDPE, details in report. / 1.18 mm



**DIMENSIONS:**

Weight of the jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing
1155	25.0	295*260*435	60	FB-0033

**MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:**

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	24.4	24.8	25.3	25.8	26.4

**CLOSING MECHANISM:**

Screw cap	Producer	Drawings	Material	Gasket	Torque
61 mm	Tri-sure	TSF-506492	HDPE, details in report	Washer, PE foam	25 Nm
61 mm	Bergi-plast GmbH	00-1836	HDPE, details in report	Washer, PE foam	25 Nm
25 mm	Modulpac AB	25PMPP/7250001	HDPE, details in report	PET/ ALKOzell/ PET	3 Nm



**LEGISLATION:**

The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet ([www.net17025.com/Sertifisering/UN\\_ADR/cid/30758/](http://www.net17025.com/Sertifisering/UN_ADR/cid/30758/)).

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 - 2023/4375 PRAX.

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.

**TESTS CARRIED OUT:**

Prototype tests performed and approved according to the above regulations:

- 6.1.5.2.6 Chemical compatibility
- 6.1.5.3 Drop test
- 6.1.5.4 Leakproofness test
- 6.1.5.5 Internal pressure test
- 6.1.5.6 Stacking test
- 6.1.5.7 Supplementary permeability test

**APPROVAL IS VALID FOR:**

The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing, ADR 6.1.5.2.6, to this specific liquid.

The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR. Transport of the substance is only allowed if the approval of the standard liquid(S), covered by "Rule for collective entries", has the same or higher relative density as the substance to be transported.

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Standard liquid A: Wetting Solution	1.2	171
Standard liquid B: Acetic Acid	1.1	171
Standard liquid C: n-Butyl acetate	1.0	171
Standard liquid D: Mixture of hydrocarbons	1.0	171
Standard liquid F: Water	1.9	171

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET0370B2	19.04.2024	NET	Type approval
NET0370B	05.04.2024	NET	Type approval

**VALIDITY:**

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

**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.



BREVIK, NORWAY

19.04.2024 CERTIFICATE IS VALID UNTIL:

30.04.2029



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*

A large, faint watermark logo is centered on the page. It consists of a white vertical bar with a crossbar at the top, forming a stylized 'T' or 'I' shape. The background behind this shape is a light blue circular area with a subtle gradient.