



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0358C**

HOLDER OF CERTIFICATE:

Greif Sweden AB

MANUFACTURER:

Greif Sweden AB, Box 23, SE-311 23 Falkenberg, Sweden

MARKING ON PACKAGING:

 **1H1/X1.9/250/YR/N/NET0358C - 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 / 220 L	Plastics drums, non-removable head	F3P-2771 C	HDPE details in report



DIMENSIONS:

Packaging weight, g	Volume, l	Height, mm	Diameter, mm
10500 - 11025	220.0	935	581

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
2: Bung 56x4	Tri-Sure	TSF-505099 Rev.4	PP details in report	EPDM / PE	20 Nm EPDM / 25 Nm PE
3: Bung 70x6 "D17" vented	Tri-Sure	TSF-2100035	PP details in report	PE	20 Nm
5: Bung 70x6	Tri-Sure	TSF-2100020 Rev.2	PP details in report	EPDM / PE / PE Blue	20 Nm EPDM and PE / 25 Nm PE Blue

6: Bung 70x6 with 3/4"	Tri-Sure	TSF-2000032 Rev.2	PP details in report	PE / PE Blue	20 Nm PE / 25 Nm PE Blue
7: Bung 38x6	Tri-Sure	A-SP-636-3	PP details in report	EPDM	20 Nm


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.

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 I, 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. Closure #2 can not be used with PE gasket, closure #5 and #6 can not be used with PE blue gasket.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Closure #
Acetic acid	1.1	200	1-8
n-Butyl acetate	1.0	200	1-8
Wetting solution	1.2	200	1-8
Water	1.9	200	1-8
White spirit	1.0	200	1-8
Nitric acid 55%	1.4	200	1-8
Nitric acid 55% - 66%	1.4	200	1-8
Butylhydroperoxide 78%	1.0	200	1-8
HOE S 3551	1.2	200	1-8

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0358C	15.04.2015	NET	Type approval
NET0358B2	14.04.2015	NET	Selective testing

LERUM, SWEDEN

11.11.2021 CERTIFICATE IS VALID UNTIL:

30.04.2020

A handwritten signature in blue ink, appearing to read 'Susanne Dahlberg'.

Susanne E. Dahlberg
Certification Officer

A handwritten signature in blue ink, appearing to read 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

A large, faint watermark logo in the center of the page, consisting of a stylized shield or emblem with a vertical bar through the middle.