



**PRODUCT APPROVAL OF PACKAGING  
FOR TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET0358D**

HOLDER OF CERTIFICATE:

**Greif Sweden AB**

**MANUFACTURER:**

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

**MARKING ON PACKAGING:**

 **1H1/Y1.9/200/YR/N/NET0358D - 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 / Volume	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
8500 - 8925	220.0	935	581

**CLOSING MECHANISM:**

#: Bung	Producer	Drawings	Material	Gasket	Torque
1: 56*4	Tri-Sure	TSF-505099 Rev.4	PP details in report	EPDM / PE	20 Nm EPDM / 25 Nm PE
2: 70*6 "D17" vented	Tri-Sure	TSF-2100035	PP details in report	PE	20 Nm
3: 70*6	Tri-Sure	TSF-2100020 Rev.2	PP details in report	EPDM / PE	20 Nm

4: 70*6 with 3/4"	Tri-Sure	TSF-2000032 Rev.2	PP details in report	PE	20 Nm
5: 38*6	Tri-Sure	A-SP-636-3	PP details in report	EPDM	20 Nm
6: 70*6 "D38" vented	Tri-Sure	TSF-21000061	PP details in report	PE	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.

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	1.1	171
n-Butyl acetate	1.0	171
Wetting solution	1.2	171
Water	1.9	171
Mixture of hydrocarbons	1.0	171
Nitric acid 55%	1.4	171
Nitric acid 55% - 66%	1.4	171
Butylhydroperoxide 78 %	1.0	171
HOE S 3551	1.2	171

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET0358D	15.04.2015	NET	Type approval
NET0358B2	14.04.2015	NET	Selective testing

**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

**11.11.2021** CERTIFICATE IS VALID UNTIL:

**30.04.2025**


 Geir Morten Johansen  
 Certification Officer



 Rune Madsen Fink  
 Control Officer

*Nordisk Emballasje Testing AS Certification*