PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET8001A

HOLDER OF CERTIFICATE:
Greif Scandinavia

MANUFACTURER: Greif Scandinavia

MARKING ON PACKAGING: **3H1/X1.9/250/YR/N/NET8001A - 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
3H1 / 20 L	Plastics jerricans, non-removable head	FB-0001	HDPE
3H1 / 25 L	Plastics jerricans, non-removable head	FB-0002	HDPE
3H1 / 27.5 L	Plastics jerricans, non-removable head	FB-0003	HDPE
3H1 / 30 L	Plastics jerricans, non-removable head	FB-0004	HDPE

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 60 mm	Tri-Sure	Art. nr. 20000	HDPE	Expended PE, O-ring	25 Nm
2: Screw cap 60 mm	Tri-Sure	Art. nr. 20010	HDPE	Oblat PE	25 Nm
3: Screw cap 60 mm	Tri-Sure	Art. nr. 20013	HDPE	Expended PE, O-ring	25 Nm
4: Screw cap 60 mm	Tri-Sure	Art. nr. 20091	HDPE	Expended PE, O-ring	25 Nm
5: Screw cap 60 mm	Greif	Art. nr. 40268	HDPE	Expended PE, O-ring	25 Nm
6: Screw cap 60 mm	Greif	Art. nr. 40277	HDPE	Expended PE, O-ring	25 Nm

Nordisk Emballasje Testing AS
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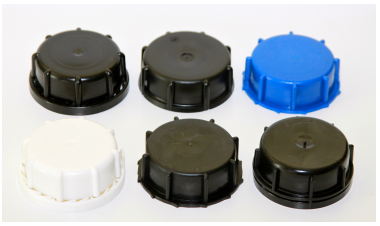
Telephone: +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E





DIMENSIONS:

# Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
1: 1034 - 1300	20.0	376	260	295	60
2: 1200 - 1300	20.0	376	260	295	60
3: 1137 - 1500	25.0	441	260	295	60
4: 1180 - 1500	25.0	441	260	295	60
5: 1300 - 1500	25.0	441	260	295	60
6: 1500 - 1575	25.0	441	260	295	60
7: 1226 - 1287	27.5	470	260	295	60
8: 1310 - 1620	30.0	508	260	295	60
9: 1380 - 1620	30.0	508	260	295	60
10: 1500 - 1620	30.0	508	260	295	60

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APPROVAL:
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:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Packaging #	Closure #
Acetic acid	1.1	200	All items	All items
n-Butyl acetate	1.0	200	All items	All items
Nitric acid 55%	1.4	200	All items	All items
Wetting solution	1.2	200	All items	All items
Water	1.9	200	All items	All items
White spirit	1.0	200	All items	All items
Nitric Acid 62-65 %	1.4	200	2, 6, 10	5, 6
Organic Peroxide	1.2	200	2, 5	5, 6
Methyl Ethyl Ketone Peroxide	1.2	200	5	5, 6
Propionic Acid	1.0	200	6	5, 6
Promyr XR680	1.4	200	6	5, 6

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8001A	01.11.2013	NET	Type approval

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LERUM, SWEDEN **01.11.2013** CERTIFICATE IS VALID UNTIL: **30.11.2018**

Susanne E. Dalhberg
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

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