PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS

CERTIFICATE NO.: NET0310A

Holder of certificate: Greif Sweden AB

Manufacturer:

Greif Sweden AB
Box 174
SE-311 22 Falkenberg
SWEDEN

Product:

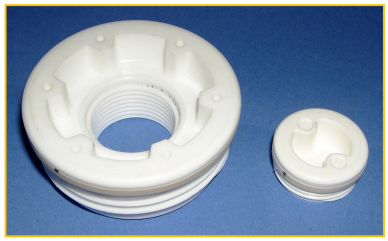
	Packaging code	Description	Product identification	Material
Outer packaging:	6HA1W	Composite packaging (deviating design) The top or bottom of the steel drum is provided with a hole, diameter: 3 mm.	Steel drum, Drawing: F4P-2748	Steel sheet Thickness: Mantle: 0.8 mm Top and bottom: 1 mm
Inner packaging:	-	Plastic receptacle	Drawing: D3P-2061	HDPE, details in reports

Closing mechanism:

Closure type	Product identification	Material in bung	Gasket	Closing torque
2” plastic bung with ¾” bung	Drawing D4P-2695	PP, details in report	EPDM	30 Nm
2” plastic bung	Drawing D4P-2703	PP, details in report	EPDM or PE	30 Nm
2” plastic bung	Drawing TSF-2100048	PP, details in report	EPDM or PE	30 Nm

Photo:







Dimensions:

Packaging weight, kg	Volume, litre	Height, mm	Diameter, mm
18.2	207	880	585

Nordisk Emballasje Testing AS
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Bank account: 6250.05.22351
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Marking on packaging: **6HA1W/X1.6/250/YR/N/NET0310A – 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.

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.
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 delegated authority from Norwegian Civil Aviation Authority (Luftfartstilsynet) – 200701524-6/492/JLU.

Regulations based upon for approval:

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
UN Recommendations on the Transport of Dangerous Goods.
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 shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Packaging groups	Content	Max. relative density	Max. vapour pressure at +50°C
I, II and III	Liquid substances that do not adversely affect the packaging materials	1.6	200 kPa

Documents based upon for approval:

Report id.	Date	Issued by	Scope
P601002	23.03.2006	SP	Technical evaluation
NET0310A	28.06.2007	NET	Type approval
NET03TE03-1	26.08.2009	NET	Technical evaluation
NET03T12	24.03.2011	NET	Additional type testing
NET03T17	15.05.2012	NET	Additional type testing

Lerum, Sweden: **08.08.2012** **Certificate is valid until:** **31.08.2017**

Susanne Dahlberg
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS
Certification

This certificate replaces certificate NET0310A_110526

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