PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS

CERTIFICATE NO.: NET0332A

Holder of certificate: Greif Sweden AB, Sweden

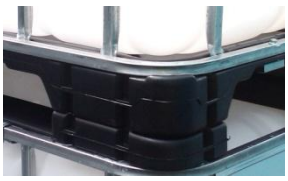
Manufacturer: Greif Sweden AB
Box 203
SE-311 23 Falkenberg
Sweden

UN Code: 31HA1; Composite IBC with a rigid plastic inner receptacle and outer casing from steel.

Dimensions:

Pallet	Tare weight (kg)	Max gross mass (kg)	Capacity(l)	Height (mm)	Width (mm)	Length (mm)
Wood	63.6	2026	1056	1165	1000	1200
Plastics	62.8	2026	1056	1171	1000	1200
Hybrid	61.0	2026	1056	1157	1000	1200

Photo:





Marking on packaging: **31HA1/Y/MMYY/N/NET0332A – ID/4069/2026**

"MMYY" to be replaced with the month and the year (last two digits) of manufacture.
"ID" to be replaced by any identification as decided by the manufacturer.
Additionally, each IBC shall also be marked according to 6.5.2.2.1 ADR/RID /IMDG code and each inner receptacle shall be marked according to 6.5.2.2.3 ADR/RID/IMDG code.

Nordisk Emballasje Testing AS
Blekebakkvegen 45
N-3950 BREVIK
GPS: N59.05430° E 9.67777°

+47 90017025
+47 4 673 8 793
info@net17025.com

VAT no.: 990 793 840
Bankaccount: 6250.05.22351
www.net17025.com

Spesifications:

	Item	Description	Technical drawings	Material
IBC:	31HA1	Composite IBC with a rigid plastic inner receptacle and outer casing from steel.	1999ass0rev17/N8A1	Plastics / Steel
Pallet:	Wood	Board, plank	1998pal0rev3/N6A3	Wood
	Plastics	Blow moulded/ welded	2013pap0rev1/N1A7.1	HDPE
	Hybrid	Assembling hybrid pallet	2022pai0rev0/N8A3	Plastics / Steel
Outer casing:	Galvanized pipe sections	Lattice-type basket screwed onto a pallet	2004ga0rev1/A7.1 2005ti0rev2/A7.2 2004ga1rev1/A7.3 2007pam6rev1/A7.4	Steel
Inner receptacle:	∅ 150	Blow-moulded	2003bo0rev4/PA4	HDPE
	∅ 220	Blow-moulded	2003bo0rev5/N2A2	HDPE
Closing mechanism:	Screw cap	150 mm	2000co0rev1/PA5	HDPE
	Screw cap	150 mm	2002co0rev1/N1A3	HDPE
	Screw cap	220 mm	2002co0rev3	HDPE
	Valve	2" plunger	2008ass0rev1/N1A5	HDPE
	Valve	2" integrated nut, Butterfly	2017ass0rev1/N5A2.1	HDPE / PP / fibreglass
	Valve	2" weldable, Butterfly	2019ass0rev1/N6A2.2	HDPE / PP / fibreglass
	Valve	3" integrated nut	2015ass0rev1/N3A3	HDPE / PP / fibreglass

Approval:

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations on Transportation of Dangerous Goods on road and railway § 11-1, 7th segment.
NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).

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.

Approval is valid for:

Liquid substances that do not adversely affect the packaging material.
The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content:

Liquids	Max. relative density	Packaging group	Internal pressure
Water	1.9	II and III	100 kPa
Wetting Solution	1.6	II and III	100 kPa
Acetic acid	1.6	II and III	100 kPa
n-Butyl acetate	1.5	II and III	100 kPa
White spirit	1.5	II and III	100 kPa
Nitric acid	1.5	II and III	100 kPa

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Documents based upon for approval:

Document id.	Date	Issued by	Scope
Report 020233	*26.03.2003*	TÜV	Type testing
020233 1th Supplement	*08.09.2003*	TÜV	Supplementary test
020233 2th Supplement	*19.01.2004*	TÜV	Supplementary test
020233 3th Supplement	*13.05.2004*	TÜV	Supplementary test
020233 4th Supplement	*14.01.2005*	TÜV	Supplementary test
020233 5th Supplement	*28.03.2005*	TÜV	Supplementary test
020233 6th Supplement	*08.03.2006*	TÜV	Supplementary test
020233 7th Supplement	*28.06.2006*	TÜV	Supplementary test
020233 8th Supplement	*16.11.2006*	TÜV	Supplementary test
Renaming of HDPE material	*25.10.2007*	INEOS	Grade name change
Summary of materials	*14.10.2010*	NET	Record
Prüfbericht Nr.090468	*10.12.2009*	TÜV	Vibration Testing
Prüfbericht Nr.100068/1	*31.03.2010*	TÜV	Vibration Testing
Report NET03TE06	*09.09.2010*	NET	Technical Evaluation

Lerum: ***14.10.2010*** **Certificate is valid until:** **31.10.2015**

Susanne Dahlberg
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS
Certification

Not. The IBC has earlier been certified according to certificate Nr.D/BAM 6849/31HA1

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