TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET4402A

HOLDER OF CERTIFICATE:
Schütz Nordic AS

1650 kg max

MANUFACTURER: Paketo Recycling Oy, Kisällintie 7, 04500 Kellokoski, Finland

MARKING ON PACKAGING:
Each IBC intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking, and shall be marked with maximum permitted stacking load according to ADR 6.5.2.2.2.1 (as shown in figure to right). For this remanufactured IBC, the inner receptacle shall be marked:
31HA1/Y/MMYY/D/BAM 14822*14976*14978*14979-SCHÜTZ 8, ADR 6.5.2.1.1 b) - f).
The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the inner receptacle, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

(un) 31HA1/Y/MMYY/N/NET4402A/4056/1722

(un)	: The United Nations symbol
31HA1	: Composite IBCs with a rigid plastics inner receptacle, for liquids
Y	: Packaging group II and III
MMYY	: To be replaced with the month and year, last two digits, of manufacturer
N	: Norway, the state authorizing the allocation of the mark
NET4402A	: Identification of the IBC, specifies the customer (44), construction type (05), and material (A)
4056	: The stacking load in kg
1722	: The maximum permissible gross mass in kg

PRODUCT:

Description
A remanufactured IBC with HDPE inner receptacle performed by Schütz Nordic AS, other parts according to BAM 14976. The IBC has a threaded top opening for filling, and a bottom valve for easy draining.

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N-3950 Brevik
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Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

DIMENSIONS:

IBC	Tara weight/ inner receptacle, kg	Volume, l	L*W*H, mm
MX/RMX 1000 GG	14.5	1060	1200*1000*1160

CLOSING MECHANISM:

Drawing	Date	Description	Torque, Nm
3-127934	15.02.2019	Screw cap DN150 G2" VENT assembly with mushroom vent	75
3-128096	21.02.2019	Screw cap DN150 G2" closed + SC assembly with seal cap	75
3-5832-c	05.12.2007	Screw cap DN150 GG assembly with G2" breather and pressure relief valve	75
3-127772-A	12.03.2019	Screw cap DN150 G2" ET38 assembly with PTFE-laminated press part	75
3-127800	13.02.2019	Screw cap DN150 G2" ET15 assembly with press part	75
3-3379.1-c	06.09.2005	Screw cap DN95 for IBC inliner	75
3-23932	20.09.2006	Screw cap DN150-BCS56x4 groove assembly group	75
3-23942-D	05.09.2013	Screw cap DN150 G2" assembly with plug G2" ventilation	75
3-23948-B	21.02.2019	Screw cap DN150 closed assembly with O-ring	75
3-70076-A	21.10.2013	Screw cap DN150 G2" 2X assembly	75
3-75116-D	11.04.2017	Screw cap DN150 EX ET38 assembly with press part	75
3-115074	31.01.2018	Screw cap DN150 G2" with AL-plug closed	75
A DE-731.1-3 Index 5 Blatt 1 / Schütz Ablage-Nr.:3-10422	09.09.2002	Screw cover 160x7 with G2" internal thread	-

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3-68294-B	08.12.2015	Screw cap DN225 UN open assembly with plug G2"	105
Art.-No. 2041910	04.11.2015	Valve Specification Dry-break valve and dip-tube assembly for use with SCHÜTZ IBCs	-
VALV002	01.07.2011	Valve Spedfication Dry-breakvalve	-
4-30355-C	09.11.2016	Ball valve DN50 camlok 2" assembly screwable with cone	-
4-122696-A	20.07.2021	Ball valve 50 INT S60x6 AS handle securedip	-
4-131526	17.06.2019	Ball valve DN50 INT S60x6 handle secure screw/clip	-
4-27482-C	18.10.2017	Butterfly valve DN50 camlok 2" assembly screwable with cone	-
4-27820	02.07.2007	Butterfly valve DN50 camlok 2" assembly integratedwelded	-
4-110966-E	06.04.2020	Butterfly valve DN50 CON 2"CAM AS2 with seafty pin	-
4-106027-E	06.04.2020	Butterfly valve DN50 INT 2"CAM AS2 with seafty pin	-
4-27242-F	09.11.2016	Ball valve DN50 S60x6 screwable with cone	-
4-104724	08.02.2017	Butterfly valve DN50 conus S60x6 ass. blowmoulded thread S75x6	-
4-26750-F	24.11.2015	Butterfly valve S60x6 screwable with cone	-
4-109260-F	06.04.2020	Butterfly valve DN50 CON S60x6 AS2 with seafty pin	-
4-27556-D	17.11.2008	Butterfly valve S60x6weldable	-
4-106031-G	06.04.2020	Butterfly valve DN50 INT S60x6 AS2 with seaftypin	-

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4-110950-E	06.04.2020	Butterfly valve DN50 INT 2"NPS AS2 with seafty pin	-
3-31918-A	04.04.2008	Butterfly valve DN80 screwable	-
3-096037-A	02.08.2017	Butterfly valve DN80 screwable / PP-gasket	-
3-32757-J	16.07.2018	Butterfly valve DN80 ass integrated weldable	-
3-42996-G	03.03.2016	Check valve assembly one way valve for IBC discharge	-
3-68296-E	08.12.2015	Screw cap DN225 UN closed assembly closed	105

INNER PACKAGING/ACCESSORIES:

Drawing	Date	Description
3-85581-A	14.01.2016	MX1000 article drawing MX+RMX / Ex a./o. EVOH / w/wo corner protector
2-42899-E	17.04.2020	Inner receptacle IBC 1000 STD MX, LX, and SX
2-60620-A	28.09.2015	Inner receptacle MX 1000 HV
2-3760-b	15.12.2006	Inner receptacle MX 1000 Top discharge V2 various spout threads and valve types
2-42942-B	15.11.2013	Inner receptacle MX 1000 with top discharge symmetric
2-51513-A	15.11.2013	Inner receptacle MX 1000 with top discharge asymmetric
3-3174.1	09.06.1999	Inner receptacle for IBC 1000 liter, with fill port DN95
2-61713-E	23.12.2019	Grid tube mat MX1000 V2. 2 asymmetrical plain mat
3-40371-D	16.12.2013	Tie bar Version 1.2 - oval for IBC
3-143616-A	05.10.2021	Tie bar Version 1.3 - bowl for IBC
3-8821-a	18.02.2004	Composite pallet LX-C/MX wood nesting, assembly
3-64974-D	16.07.2021	Steel frame pallet MX 1000x1200 assembly with base tube V2
3-49076-A	15.11.2010	Steel skid pallet 1000x1200 assembly for IBC
3-66456-B	17.10.2018	Steel skid pallet 1000x1200 MF2+EF4 with middle foot Vers. 2 and corner foot Vers. 4

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2-37960-A	05.01.2017	Plastic frame pallet MX assembly outside skids, cross skids and reinforcement bridge
3-52529-E	27.06.2018	Plastic skid pallet MX assembly skids + center bridge
3-120813	27.06.2018	Plastic skid pallet MX assembly skids V3.3 + center bridge
3-4159 f	07.11.1997	Skid pallet MX basis 1000 x 1200 antislip, Version 2
3-70986	27.09.2013	MX wood skid pallet standard nestable base 1000x1200, fork opening height 95 mm
3-21195-C	24.08.2017	MX EURO-skid pallet stackable base 1000 x 1200
3-21205-D	24.08.2017	MX EURO-skid pallet nestable base 1000 x 1200
3-5206 a	29.01.1996	Wood frame pallet MX basis 1000 x 1200, fork opening height 95 mm
3-51667-E	04.09.2014	Bottom plate MX1000 V3.2 center flange rounded
3-31367-F	02.02.2011	Bottom plate MX 1000 V3 for 820 / 1000 / 1250 liter
3-50930-H	20.02.2015	Plastic bottom plate MX 1000x1200 V2
3-88509-c	21.12.2020	SW-Mixer assembly MX640/MX1000/HX1000/MX1250 & SK225/SK150
4-151663	08.03.2021	Plug G2" ALCCFC closed asb. automatic lock
3-8765-a	09.01.2004	Plug G2" (open) assembly air-flow Variation: GÖRE and VENTIX
A SP-531.2-4 Index c Blatt 2/Schütz Ablage-Nr.: 4-7990	06.11.2003	Plug G2"
743-008U02	07.11.2000	RS-DV2"B5P, Viton, 3PIN
3-8175	02.10.2002	Shipping plug and drum insert
DT-G2"-PE-XXX-1030-S	24.02.2012	DipTube G2"-PE-1030-S
DT3-62PP-XXX-1030-TF	29.05.2019	AS fluid technology immersion tube QC3 S62 x 5
DQPR02056X4XXX	11.08.2006	CPC DRUM INSERT BC556X4

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LEGISLATION:
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.
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.

TESTS CARRIED OUT:
The following test are performed and approved according to ADR:
6.5.6.4 Bottom lift test
6.5.6.6 Stacking test
6.5.6.7 Leakproofness test
6.5.6.8 Internal pressure test
6.5.6.9 Drop test
6.5.6.13 Vibration test

APPROVAL IS VALID FOR:
Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.
The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing, ADR 6.1.5.2.6, to this specific liquid.
The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR.
The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Standard liquid F: Water	1.6	114
Standard liquid A: Wetting Solution	1.6	114
Standard liquid B: Acetic Acid	1.6	114
Standard liquid C: n-Butyl acetate	1.6	114
Standard liquid D: Mixture of hydrocarbons	1.6	114
Standard liquid E: Nitric Acid	1.6	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET4401AZ	11.11.2024	NET	Type Approval

VALIDITY:

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This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires periodic audits by NET in accordance with NET Doc 2: "Production control agreement".
The packaging shall be manufactured, reconditioned and tested under a quality assurance programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

BREVIK, NORWAY **08.02.2024** CERTIFICATE IS VALID UNTIL: **28.02.2030**

Geir Morten Johansen
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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