

# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET8510A**

HOLDER OF CERTIFICATE:  
**DESAPAC AB**

**RESPONSIBLE DISTRIBUTOR:** DESAPAC AB, Degrabo, Talldungen, 44791 Vårgårda, SWEDEN


**900 kg max**



## **MARKING ON PACKAGING:**

Each packaging 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.

 **50H/Y/MMYY/NET8510A-ID/1620/226**

	: The United Nations symbol
50H	: Plastics large packaging
Y	: Packaging group II and III
MMYY	: To be replaced with the month and year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET8510A - ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
1620	: The stacking test load in kg
226	: The maximum permissible gross mass in kg

## **PRODUCT:**

Description	Drawing	Material
50H, Plastics	6-11-00054227	HDPE, details in report



## **DIMENSIONS:**

Volume, l	Length, mm	Width, mm	Height, mm
1630	1820	1220	730

## **CLOSING MECHANISM:**

Closure type	Producer	Drawings/ Description	Material
Strapping band	Any	12 mm	PP
Lid	Details in report	Mega-pack S 1800 Lid - 230615	HDPE, details in report

# OTHER PARTS:

Type	Description	Drawing	Material
Interior EmB 4036	Details in report	-	HDPE
Pallet	Details in report	Mega-pack S 1800 Pallet - 230615	HDPE

# LEGISLATION:

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.

# 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:

Prototype tests performed and approved according to the above regulations:

6.6.5.3.1 Bottom lift test

6.6.5.3.3 Stacking test

6.6.5.3.4 Drop test

# APPROVAL IS VALID FOR:

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction; LPxxx. The UN???? listed in the following content table shall always be packed in accordance with \*\*\*\* "Packaging Instruction @@@".

Content
2 pc of Litium Batteries, UN3480, packed in accordance with DESAPAC's instructions; EMB 4036

# DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8510A	11.07.2018	NET	Type approval
NET85TE04	30.04.2019	NET	Technical evaluation

# VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of 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 program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

**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.



BREVIK, NORWAY

01.05.2019 CERTIFICATE IS VALID UNTIL:

31.05.2024



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*