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**CERTIFICATE OF APPROVAL****N° 210038**

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The packaging of type 3H1 plastic jerrican ref. 10 l BC 500 g with a nominal capacity of 10 l (500 g  $\pm$  5%) manufactured by [REDACTED] (**ref in UN-mark: n° 2135**) and described in report n° **G-21.026** issued by IBE-BVI is accepted for the transport by land (road and rail), by sea and by air of dangerous goods mentioned in following annex, within the limits prescribed in that annex.

Type-series packagings shall in every way be in conformity with the approved design type described in the above mentioned report and successfully pass all the tests specified in:

- the IMDG-Code, Part 6
- the European ADR-Agreement, Part 6
- the International RID-Regulation, Part 6
- the ICAO Technical Instructions, Part 6

These packagings shall bear the following mark:



**3H1/Y1.0/150/\***  
**B/2135-210038**

The mark shall be indelible and preferably inscribed on one of the lateral sides of the packaging. The affixing of the mark shall not weaken the strength of the packaging.

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- (\*) The two last digits of the year of manufacturing.  
Packagings of types 1H and 3H shall also be appropriately marked with the month of manufacturing. This may be marked on the packaging in a different place from the remainder of the mark.

The closing devices of the approved packagings shall be in accordance with those described in the report and bear the following mark: **see Annex IV**

If the closing devices are manufactured by subcontractors, the manufacturer to whom the certificate of approval was assigned remains directly responsible for the conformity of the whole packaging.

Any alteration of the above mentioned packaging (including the closing devices) or of its operating conditions implies the automatic cancellation of this certificate.

The Competent Authorities reserves at any time the right to withdraw this certificate.

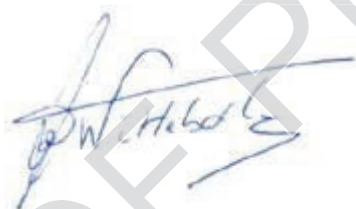
Special requirements:

Tests effectuated with the standard liquids :

- Water
- Mixture of hydrocarbons

Annex: 4 pages

Brussels, 27/05/2021.



Ing. Maxence Wittebolle,  
Senior Consultants  
Belgium Packaging Institute

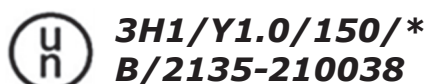
Owner certificate: **(ref in UN-mark: n°2135)**



210038

## CERTIFICATE OF APPROVAL N° 210038

## ANNEX I TO THE UN CERTIFICATE OF APPROVAL: ROAD AND RAIL TRANSPORT

UN mark

Substances accepted for carriage and conditions for packing  
Substances of the classes 1,3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 8 and 9

if allowed by the following sections of the ADR/RID and under the conditions specified in these sections: 3.2, 4.1.4 and 4.1.10 (ADR-RID).

Substances are allowed if they are assimilated to a standard liquid - see section mark 6.1.6.2 .

| Maximum density/ vapor pressure(kPa) at 50°C | Packing Group I | Packing Group II | Packing Group III |
|----------------------------------------------|-----------------|------------------|-------------------|
| Water                                        | -               | <b>1.0/143</b>   | <b>1.0/143</b>    |
| Wetting solution                             | -               | -                | -                 |
| Acetic Acid 98%                              | -               | -                | -                 |
| n-butyl acetate                              | -               | -                | -                 |
| Mixture of hydrocarbons                      | -               | <b>1.0/143</b>   | <b>1.0/143</b>    |
| Nitric acid 55%                              | -               | -                | -                 |

Other products: nihil



**CERTIFICATE OF APPROVAL N° 210038****ANNEX II TO THE CERTIFICATE OF APPROVAL: SEA TRANSPORT**UN mark**3H1/Y1.0/150/\***  
**B/2135-210038**General conditions

- This packaging may only be used for the dangerous goods for which this packaging is allowed in the IMDG-code and under the conditions specified in that code.
- The dangerous goods may not attack the packaging (nor the closing devices).
- For substances and articles of class 1, the packaging shall also be approved by

**FPS ECONOMY**

Direction générale Qualité et Sécurité / Algemene Directie Kwaliteit en Veiligheid  
Service Réglementation Sécurité / Dienst Reglementering Veiligheid  
North Gate III  
Boulevard du Roi Albert II, 16  
1000 - BRUSSELS

- The manufacturer must inform the user of the packaging and all persons, responsible for the loading and the stowing of the ship, of the conditions specified in this certificate.
- All accidents or events that may influence the security adversely during loading, during the voyage or during the unloading of the ship, shall be reported to

**FPS Mobility and Transport**

Directorate General Shipping  
Port State Control  
Posthoflei 3  
2600 Berchem  
e-mail : [SCAntwerpen@mobiliteit.fgov.be](mailto:SCAntwerpen@mobiliteit.fgov.be)  
Tel. +32 478 82 58 09



**CERTIFICATE OF APPROVAL N° 210038****ANNEX II TO THE CERTIFICATE OF APPROVAL: SEA TRANSPORT**Permitted products

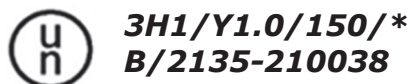
- The products of which the chemical compatibility is shown by testing with the following testliquid(s) (ADR 6.1.6) :

| Testliquid                              | density | Pressure during Hydr. test | remark |
|-----------------------------------------|---------|----------------------------|--------|
| water                                   | 1.0     | 150                        |        |
| acetic acid 98-100 %                    | -       | -                          |        |
| wetting agent solution                  | -       | -                          |        |
| n-butyl acetate                         | -       | -                          |        |
| solution of hydrocarbons (white spirit) | 1.0     | 150                        |        |
| nitric acid 55 %                        | -       | -                          |        |

- The products of which the compatibility is shown by the six months test (IMDG-code, 6.1.5.2.5) or another method recognized by the Maritime Transport, "scheepvaartcontrole".

products : nihil



**CERTIFICATE OF APPROVAL N° 210038****ANNEX III TO THE CERTIFICATE OF APPROVAL: AIR TRANSPORT**UN mark

The type of packaging covered by this certificate of approval may be used for the transport by air under following conditions:

- ➔ The type of packaging must be allowed by the appropriate packing instruction as detailed in Part 4 of the Technical Instructions.
- ➔ The quantities must never exceed the maximum allowed quantities in table 3-1 of the Technical Instructions.
- ➔ For combination packagings, the quantities per inner packaging(s) must also not exceed the quantities permitted by the applicable packing instruction.
- ➔ The packaging must comply with the general packing requirements of Part 4 chapter 1 and with the packaging specifications of Part 6 of the Technical Instructions.
- ➔ For substances and articles of class 1, the package must also be approved by the:

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**Annex IV****UN mark****3H1/Y1.9/200/\*  
B/IN-090244****Authorised closures:** (as described in the reports)

|                         |   |                       |
|-------------------------|---|-----------------------|
| Producer of the closure | : |                       |
| Art. Ref. CAP           | : | SK 40                 |
| Material CAP            | : | PE LITEN RL58         |
| Art. Ref. TAB           | : | SK 40                 |
| Material TAB            | : | LDPE Bralen + FB 2-16 |
| Weight CAP & TAB        | : | 16.9 g                |
| Gasket                  | : | Flat gasket           |
| Closing torque          | : | 15 Nm                 |
| Drawing                 | : | SK40                  |