



Marine & Offshore
Division

Certificate number: 23889/B0 BV

File number: LSA 1092/23

Product code: 6013H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to
PLASTIMO SAS
LORIENT - FRANCE

for the type of product
SURVIVAL CRAFT RATIONS & WATER
EMERGENCY DRINKING WATER

Requirements:

SOLAS 74 Convention, as amended, Regulation III/4.
IMO Resolution MSC.48(66) paragraphs 4.1.5.1.19 and 4.4.8.9
ISO 18813:2006

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate is a renewal of certificate N° 23889/A1 BV expiring on 30/11/2016

This certificate will expire on: 30 Nov 2021

For BUREAU VERITAS,
At BV NANTES, on 11 Oct 2016,
Joel Gaurin



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Drinking water supplied in sachets of 100 ml and 125 ml capacity. Each sachet is provided with a cut above the top seal to facilitate easy of opening.

TYPE : DAURIAC NAUTIC SECURITE

Wrapping : 0,5L - 1L - 1,5 L - 3 L

2. DOCUMENTS AND DRAWINGS :

| Document number | Name | Revision | Date |
|------------------|---|----------|------------|
| 510019 | Dossier d'homologation - Eau de survie | D | 28/09/2016 |
| CDC 10003 | CDC - Film eau de survie | C | 28/09/2016 |
| RA-07-53916 | Certificat "Garantia de calidad producto" | -- | 24/03/2010 |
| RA-07-Aluthen120 | Technical specification ALUTHEN 120 | -- | 24/03/2010 |
| 510020 | Marquage sachet eau | C | 15/11/2011 |
| 510021 | Sachet eau | B | 20/05/2010 |
| 510022 | Poche 3L | B | 23/04/2010 |
| 510023 | Gaine poche eau | C | 23/10/2012 |

No departure from these documents is permitted without the prior consent of the Society.

3. TEST REPORTS :

| Document number | Description | Date |
|------------------|--|------------|
| 510014 B | Protocole d'essais - Sachets eau de survie | 05/05/2010 |
| 2272/09/7134 | Water Vapour permeability | 18/11/2009 |
| 11E07750 | Qualité de l'eau | 01/08/2011 |
| RE10023 | Stockage en temperature | 20/05/2010 |
| 10-059 | Test de tenue des sachets en enceinte climatique | 17/05/2010 |
| RE10027 | Test de chute | 20/05/2010 |
| RE10022 | Ouverture des sachets avec gant d'immersion | 20/05/2010 |
| RE10024 | Test de fuite après le test de cycle thermique | 20/05/2010 |
| RE10025 | Test d'immersion des sachets | 20/05/2010 |
| RE10026 | Test d'endurance en boite rotative | 20/05/2010 |
| RA-03-20160621 | Qualité de l'eau | 21/06/2016 |
| RA-02-MS20160524 | Qualité de l'eau | 24/05/2016 |

4. APPLICATION / LIMITATION :

- As per requirements stated on front page of this certificate.
- This certificate does not prejudge of any requirements additional to those stated on the front page that may be required by National Maritime Authorities for equipment to be fitted on board ships entitled to fly its flag.
- Validity period not to be more than 5 years

5. PRODUCTION SURVEY REQUIREMENTS :

The water rations for survival craft are to be supplied by **PLASTIMO SAS** in compliance with the type described in this certificate.

This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

PLASTIMO SAS has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

PLASTIMO SAS

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F-56325 LORIENT
FRANCE

6. MARKING OF PRODUCT :

Each individual water sachet to be clearly marked with:

- The Manufacturer's name or Trade Mark
- Contents capacity
- Lot number
- Date of manufacture
- Date by which it must be replaced
- A recommended daily consumption per person

Marking on the inner packaging

- Description of the contents
- Recommended consumption instructions

7. OTHERS :

This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the water sachets at any time and that Plastimo Marine will accept full responsibility for informing survival craft Manufacturers/distributors/servicers of the proper methods of storage and general maintenance of the water sachets and the conditions of this approval.

This certificate supersedes Certificate of Type Approval N° 23889/A1 BV, issued on 16/12/2012 by the Society.

*** END OF CERTIFICATE ***