

Product certificate

K90494/01

Issued 2016-01-01

Replaces -

Page 1 of 2

BIRLASULF SS, BIRLASULF SM

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Product Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Aditya Birla Chemicals (Thailand) Ltd

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with the Regeling materialen en chemicaliën drink- en warm tapwatervoorziening (Regulation materials and chemicals in the supply of drinking water and hot tap water).



Luc Leroy
Kiwa

Publication of the certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.

Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands

Tel. +31 88 998 44 00
Fax +31 88 998 44 20
info@kiwa.nl
www.kiwa.nl



279/141024

Company

Aditya Birla Chemicals (Thailand) Ltd
Office Address: 77 Moo 6, Soi Sukhapiban 1,
Poochaosamingprai Road, Samrong, Phrapradaeng,
Samutprakarn
Factory Address: 82 Moo 5, Sunbuntad Road,
Tarndiew, Kaengkhoi, Saraburi, Thailand -18110
THAILAND -10130
T +66 (0)27042100
F +66 (0)27484970
E abct-sd.csone@adityabirla.com
www.aditayabirlachemicals.com

**Certification process
consists of initial and
regular assessment of:**

- quality system
- product

BIRLASULF SS, BIRLASULF SM

PRODUCT SPECIFICATION

This certificate covers BIRLASULF - SM and BIRLASULF - SS which are used as conditioning agents in the drinking water production.

APPROVAL

The products are approved on the basis of the requirements set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" (Materials and chemicals in the supply of drinking water and warm tap water Regulation; published in the Government Gazette).

CRITERIA HYGIENIC ASPECTS

The product certification is based on two main criteria. It should permanently comply with the:

- product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa following the Kiwa approval procedure related to the hygienic aspects.
- specific product requirements (see "PRODUCT REQUIREMENTS HYGIENIC ASPECTS").

PRODUCT REQUIREMENTS HYGIENIC ASPECTS

The relevant MTC's are, with respect to confidentiality, laid down in the non public 'appendix hygienic aspects' to certificate K90494.

APPLICATION AND USE

- BIRLASULF - SM is a de-chlorination agent used in RO or UF membrane filtration processes.
The maximum dosage is 4.5 mg per liter water to be treated.
- BIRLASULF - SS is a oxygen scavenger used in the desalination of sea- and brackish water by the means of distillation.
The maximum dosage is 6 mg per liter water to be treated.

MARKING


Design of the required Kiwa certification mark:

- "KIWA ", in ink or seal.

Location of the mark:

- On the packaging / On the delivery receipt.

Mandatory marks:

- "KIWA ";
- "BIRLASULF - SM" or "BIRLASULF - SS";
- "K90494".

REMAINING CONDITIONS

- The means for and the way of transportation, storage and packaging have to be in accordance with the directives as given by the consumer, taking into consideration the use of the product. (These guidelines are not a part of the hygienic criteria.)

RECOMMENDATIONS FOR CUSTOMERS

1. Check at the time of delivery whether:
 - 1.1 the supplier has delivery in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of transport etc.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 Aditya Birla Chemicals (Thailand) Ltd
and, if necessary,
 - 2.2 Kiwa Nederland B.V.
 3. Consult the supplier's (processing) guidelines for the proper storage and transport methods.
 4. Check whether this certificate is still valid by consulting www.kiwa.nl.
-