

Dear Elya,

This is a memo for you:

The fax behind this document I will translate:

According to your question of labelling of Aydo Perfect Spa. The amount that must be added to the hot tub must be each time before use. In praxis however, with regular use of the hot tub also 1 time a week is enough. If you want you can put this on the label. You may do so. A consideration can be that (the costs of the product) for consumers become too high.

I had contact with the institute of Tauw and asked if they can make a statement that it is safe. Mr. Hagens of Tauw told me that he will do that. You will receive this. He also told me that in comparison to chlorine you have to think with Aydo Perfect Spa in a complete other way. (You knew this already). This will be the difficulty to tell to your customers. Chlorine makes all the bacterials dead. It means that on the label you need a orange cross (warning in Holland) for chemical product.

But the Aydo Perfect Spa takes care that the bacterials will be encapsulated, become harmless to human and environment and die after that. But Mr. Hagens told me that if you put on the label that bacterias will die, for the gouvernement investigation of products institute, there must be a warning on the label. This needs another investigation at another institute specialized in chemicals. This will cost us about € 8.000,- extra. So on advise of Mr. Hagens I did not mention this on the label. But it can be told. As I already mentioned, we will receive a fax with a statement that Aydo Perfect Spa is working well and safe. This is important. I will send you that.

Best Regards,  
Jan de Rijk

SRA. Pineda Maria  
Att. Elya  
Los Olivos, 14 BAJO  
10895 Cilleros  
CACERES -EXTREMADURA  
SPANJE

Veenendaal, May 8, 2003  
Subject: Test reports.

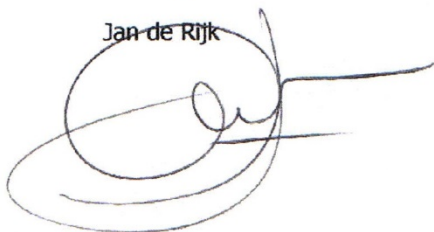
Dear Elya,

As promised you will receive the test results of Vijver Briljant  
(Perfect Pond) as well as Perfect Spa in this letter.  
Also I will send you a statement that I give the ownership of these  
documents in Mr. Doyuk's hands.

It is very nice cooperating in this way. Thank you for everything  
you are doing for us.

Best regards to all of you.

Jan de Rijk





**Tauw**

Tauw bv

**Faxbericht**

Aan Natura Lite Benelux  
t.a.v. de heer J. de Rijk

Datum 14 april 2003  
Onze referentie F003-4277130SVI-D01-D  
Afzender

Betreft Aydo Perfect Spa  
Aantal pagina's 1 (inclusief voorblad)  
Per post nazenden nee

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Geachte heer De Rijk,

Naar aanleiding van uw vraag over de etikettering van Aydo Perfect Spa. De hoeveelheid die toegevoegd moet worden voor het gebruik van de hot tub moet inderdaad voor elk gebruik worden toegevoegd. In de praktijk komt het er echter op neer dat bij regelmatig gebruik bijvoorbeeld 1 maal per week ook volstaat. Aanpassing van het etiket is mogelijk, hierbij kan een overweging in de kostentechnische zin (kosten product) een rol spelen.

De Engelse vertalingen van de twee rapportages zijn per post naar u verzonden.

Hoogachtend,

ir. T. Hagens  
senior-adviseur Milieu & Veiligheid

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De in deze fax opgenomen informatie is vertrouwelijk en zodoende alleen bestemd voor de geadresseerde(n). Ongeautoriseerd gebruik, publicatie of reproductie is verboden en kan onwettig zijn. Gelieve de afzender telefonisch in te lichten indien u per abuis deze fax heeft ontvangen.

## STATEMENT

Netherlands, May 8, 2003

In this statement Naturalite Benelux B.V. – Netherlands declares to hand over the ownership of the investigation reports to:

Mr. Ayhan Doyuk, founder of Perfect Solutions World System

It concerns:

1. The registration of [www.aydo.com](http://www.aydo.com)
2. Investigation report of Aydo Perfect Pond, in Holland called: Aydo Vijver Briljant.
3. Investigation report of Aydo Perfect Spa.

These investigation reports are a licence to show when one of the mentioned products are sold on the European market.

Naturalite Benelux B.V.  
We work with Aydo Perfect Solutions World System  
Veenendaal, Netherlands

J. de Rijk



Prijsopgaven, transacties en leveringen geschieden volgens onze algemene leverings- en betalingsvoorwaarden, welke zijn gedeponeerd bij de Kamer van Koophandel te Utrecht. Een exemplaar wordt u op aanvraag toegezonden. Reclames uitsluitend binnen 8 dagen na levering. De geleverde goederen blijven ons eigendom totdat volledige betaling heeft plaatsgevonden.



WE PROTECT OUR WORLD  
WE WORK WITH A.D. PERFECT SOLUTIONS WORLD SYSTEM  
PERMANENT SOLUTIONS TO OUR ENVIRONMENTAL PROBLEMS

**Report N004-4277130SVI-D01-D – Determination of the acid/alkaline characteristics of "Aydo™ Perfect Spa Organic"****Purpose of the investigation**

"Aydo™ Perfect Spa Organic" contains the component Sodium Metasilicate. This substance possesses alkaline characteristics, and is therefore assessed on these characteristics. The following characteristics are assessed:

1. To what extent the pH-value of the water is influenced by the 1 the users manual proposed quantities?
2. Shall the product be classified as irritating based on the alkaline characteristics?

**Testing Sample**

The investigation is carried out with a sample received from the client in the original package.

**Method of investigation****Ad 1.**

The investigation is carried out with local distributing tap water. It is assumed that the quality of this tap water in accordance is with the buffer qualities of the average quality of the tub water. The pH is determined in accordance to NEN 6411.

**Ad 2.**

The investigation is carried out in accordance to the method as described in: "Product classification as Corrosive or Irritant by Measuring pH and Acid/Alkali Reserve, J.R. Young and M.J. How, 1994".

Date of investigation: 11.04.2003. Location: Test laboratory Tauw b.v. Deventer.

**Results****Ad 1. Influence of the pH**

Dosed amounts	pH
Tapwater	7.7
1 ml product in 1 litre tapwater (1:1,000)	8.1
10 ml product in 1 litre tapwater (1:100)	9.2

**Ad 2. Determination of the alkali reserve**

The pH of the pure product is 11.9.

Appendix 1 shows the curve of the titration of 25 ml product with 0.5 M Sulphuric acid ( $H_2SO_4$ ). The consumption by titration from pH 11.9 to 10 is 0.7 ml. This corresponds with an alkali reserve of  $4 \times 0.7 \times 0.04 = 0.112$  NaOH/100 g product.

**Interpretation and Conclusion**

Based on the test results the product possesses of alkaline characteristics. The limiting values for assignment of the symbol irritating or corrosive for alkaline substances are:

pH + 1/6 (alkali reserve)  $\geq 13.0$  irritating  
pH + 1/12 (alkali reserve)  $\geq 14.5$  corrosive

The calculation pH + 1/6 (alkali reserve) results to 11.91, therefore the product should not be labelled as irritating neither corrosive.

Appendix: Titration curve





### Titration curve

pH of the sample is 11,9

pH tap water is 7,7

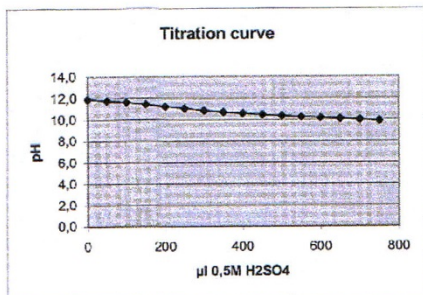
pH 1ml sample/liter tap water is 8,1

pH 10ml sample/liter tap water is 9,2

Sample:

AyDo Perfect Spa Organic 25ml

0,5 M H <sub>2</sub> SO <sub>4</sub> (μl)	pH
0	11,9
50	11,8
100	11,8
150	11,5
200	11,3
250	11,1
300	10,9
350	10,7
400	10,6
450	10,5
500	10,4
550	10,3
600	10,2
650	10,1
700	10,0
750	9,9



**Report N003-4277130SVI-D01-D – Determination of the acid/alkaline characteristics of “Vijver Briljant”****Purpose of the investigation**

“Vijver Briljant” contains the compound Sodium Metasilicate. This substance possesses alkaline characteristics, and is therefore assessed on these characteristics. The following characteristics are assessed:

1. To what extent the pH-value of the water is influenced by the in the users manual proposed quantities?
2. Shall the product be classified as irritated based on the alkaline characteristics?

**Testing Sample**

The investigation is carried out with a sample received from the client in the original package.

**Method of investigation****Ad 1.**

The investigation is carried out with local distributed tap water. It is assumed that the quality of this tap water is in accordance with the buffer qualities of the average quality of the pond water. The pH is determined in accordance to NEN 6411.

**Ad 2.**

The investigation is carried out in accordance to the method as described in: “Product classification as Corrosive or Irritant by Measuring pH and Acid/Alkali Reserve, J.R. Young and M.J. How, 1994”.

Date investigation: 10.03.2003. Location: Test laboratory Tauw b.v. Deventer

**Results****Ad 1. Influence of the pH**

Dosed amounts	pH
Tapwater	7.8
0.1 ml product in 1 litre tapwater (1:10,000)	7.7
0.2 ml product in 1 litre tapwater (1:5,000)	7.6
0.5 ml product in 1 litre tapwater (1:2,000)	7.3

**Ad 2. Determination of the acid reserve**

The pH of the pure product is 3.6.

Appendix 1 shows the curve of the titration of 50 ml product with 1 M sodium hydroxide (NaOH). The consumption by titration from pH 3.6 to 4.0 is 10.0 ml. This corresponds with an acid reserve of  $2 \times 10 \times 0.4 = 8.0$  NaOH/100 g product.



**Interpretation and Conclusion**

Based on the test results the product possesses not alkaline but acidic characteristics. The limiting values for assignment of the symbol irritating or corrosive for acidic substances are:

pH – 1/6 (acid reserve)  $\leq 1.0$  irritating  
pH – 1/12 (acid reserve)  $\leq -0.5$  corrosive

The calculation pH – 1/6 (acid reserve) results in 2.3, therefore the product should not be labelled as irritating neither corrosive. In addition, it is remarked that the alkaline characteristics of Sodium Metasilicate do not correspond to the acidic characteristics of the product, so another (acidic) compound must be present in the product.

The remark on the package: "after adding the Aydo™ Vijver Briljant .... pH-level back" is correct.

Appendix: Titration curve



consumed (ml)	pH
0	3,61
0,1	3,62
0,2	3,62
0,3	3,63
0,5	3,64
0,7	3,65
0,9	3,66
1,1	3,67
1,3	3,68
1,5	3,69
2	3,71
2,5	3,72
3	3,74
3,5	3,77
4	3,79
4,5	3,81
5	3,83
5,5	3,84
6	3,85
7	3,89
8	3,93
9	3,97
10	4

Titration curve "Vijver Briljant"

