# Approval Scheme for Chemical Inhibitors (CIAS) - Application Form CIAS 2

<table>
<thead>
<tr>
<th>Organisation</th>
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<tbody>
<tr>
<td>Contact Name</td>
<td></td>
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<tr>
<td>Product Name</td>
<td></td>
</tr>
<tr>
<td>Testing Number</td>
<td></td>
</tr>
<tr>
<td>NSF Certification Number</td>
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APPLICATION FOR CERTIFICATION

Please ensure that the relevant Sections of the Application Form are completed IN FULL prior to submission of any test samples. Completed application forms should be submitted to the Account Management Team via email or posted to the address below.

**IMPORTANT**

*Please use a separate Application Form for each generic type product range.*

All work undertaken is subject to NSF Wales Terms and Conditions.

An application for certification comprises:

- A completed Application Form
- Completed Formulation List
- The application must list each manufacturing/bottling site for auditing purposes

If extra space for any section of this form is required, please attach an extra sheet clearly indicating the name of the applicant, product name, section and page number to which it refers.

Please note that estimate costings can be provided, but may be subject to change upon receipt of the application.

If you require assistance completing your Application Form or have any queries, please contact: Paul Taylor (Certification Director) at ptaylor@nsf.org or the Account Management Team via the following:

**NSF International**

Unit 30 Fern Close
Pen-y-Fan Industrial Estate
Oakdale
Gwent
NP11 3EH
UK

Tel: +44 (0) 1495 236 260
Email: ptaylor@nsf.org
**ALL SECTIONS MUST BE COMPLETED**

**PIGGYBACK APPROVAL?** YES/NO - if yes, State original approval number:

**PRODUCT INFORMATION**

1. **Name and Address of Applicant.**

2. **Name and Address of Manufacturer of product, if different from above.**

3. **Name and address of the bottling plant, if different from 2 above.**

4. **Invoice address (Provide purchase order number if applicable), if this section is not completed the invoice will be sent to the address indicated in Section 1 above, any re-invoicing will be charged at the NSF rate.**
5. **Details of individual responsible for the approval of product(s)** (i.e. contact for technical queries) please include telephone and email address.

Name:

Email:

Telephone number:

6. **Name of the chemical inhibitor** including concentration levels and packaging capacity.

Inhibitor name:

Concentration: %V/V

Packaged capacity:

7. **The Scheme requires that manufacturers and bottlers** have in place and continue to maintain an ISO 9001 quality system that ensures that the manufactured product are of a consistent quality and that all subsequent operations have no detrimental effect. Applicants can demonstrate compliance by supplying the Scheme with a copy of a valid ISO 9001 certificate and scope of accreditation. Factors/secondary approval holders do not require ISO 9001 if the appropriate confirmations are given by the manufacturer/primary approval holder.

A ‘Factor’ is a company/individual who does not manufacture the inhibitor but only distributes an already certified inhibitor under their own trade name, the product having only cosmetic changes (ID). **For primary factors, ISO 9001 is not required** if certain confirmations are provided, see clause 3.5 of the form CIAS1.

This application is from: (tick as appropriate)

- A Manufacture
- A Primary Factor

Details of original certificate number:

8. **The inhibitor sample supplied** is from a production batch.

YES  NO
10. **Ensure the following documents are attached to this application.** Tick the boxes to indicate the documents are attached.

For information:
- Instructions for use **must** be supplied with the inhibitor and shall include specific information relating to filling central heating systems and recommended inhibitor concentration levels.
- The Scheme **must** be supplied with the chemical formulation of the corrosion inhibitor and include details of the pH, odour, colour, form and specific gravity.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>(a)</td>
<td>Chemical Analysis</td>
</tr>
<tr>
<td>(b)</td>
<td>Product literature, e.g. sales brochures</td>
</tr>
<tr>
<td>(c)</td>
<td>Instructions for use</td>
</tr>
<tr>
<td>(d)</td>
<td>ISO 9001 Certificate and scope</td>
</tr>
<tr>
<td>(e)</td>
<td>Material Safety Data sheet (MSDS)</td>
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11. **Marking:** The inhibitor’s container must identify the license holder’s name and product name.

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<thead>
<tr>
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<tbody>
<tr>
<td>(a)</td>
<td>Marks of identification to be found on the packaging:</td>
</tr>
<tr>
<td>(b)</td>
<td>Unique reference name:</td>
</tr>
<tr>
<td>(c)</td>
<td>Unique reference (i.e. barcode):</td>
</tr>
</tbody>
</table>

12. **Physical properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>pH</td>
<td></td>
</tr>
<tr>
<td>pH QC range</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td></td>
</tr>
<tr>
<td>SG QC range</td>
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</table>
13. **If the inhibitor is bottled by a 3rd party:**
If yes provide contact details:

Is the inhibitor supplied to a bottler at the correct dilution rate?  

<table>
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<tr>
<th>YES</th>
<th>NO</th>
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If NO, please stipulate the dilution rate:

14. **Name of the laboratory you intend to use for testing activities.** (Note: The laboratory must be registered with NSF).

I have read and I understand and accept the instructions, terms and conditions and fees set out in Form CIAS 1 and the NSF Wales Terms and Conditions.

Signed: ............................................................Name: ..............................................

(Signature) (Block capitals)

Date: ............................................................Position: ...............................................

Please return this completed form to NSF by:

Email: ptaylor@nsf.org or by post to

NSF Wales Ltd, 30 Fern Close, Pen-y-Fan Industrial Estate, Oakdale, Gwent, NP11 3EH, UK
### NSF International Information Request Form

#### Formulation

*All information contained on this page is kept confidential*

<table>
<thead>
<tr>
<th>Trade name(s) for this formulation list (Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you require assistance please contact your NSF Account Manager: +44 1495 236260</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS number (Chemical Abstract Service number)</th>
<th>Chemical Name</th>
<th>Trade name</th>
<th>Supplier name</th>
<th>Concentration or % strength</th>
<th>Percent in formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single Value</td>
<td>Range</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Low %</td>
<td>High %</td>
</tr>
</tbody>
</table>

- Fill in the Trade name(s) for this formulation list.
- Provide the Chemical Name and Trade name for each chemical.
- Specify the Supplier name for each chemical.
- Enter the Concentration or % strength and Percent in formulation for each chemical.

Trade names...

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You can add additional rows as needed for each chemical in the formulation.
**General Directions**

Please provide a complete list of the ingredients used to make the product, including processing aids.

If the product contains an ingredient that is manufactured at your plant (an in-plant blend), please provide the formulation for that blend on the spreadsheet.

If the product is made in parts, please enter the ingredients for each part, label the parts, and make sure each part totals 100%. Please also provide the mix ratio of the parts.

If the product is made in a cumulative step-by-step process, enter the ingredients for each step and label each step. The ingredients in each step should total 100%. For example, Part A is composed of five ingredients. The complete formulation for Part A is entered on the formulation spreadsheet. Part B is composed of 50% of Part A, 10% of Ingredient X and 40% of Ingredient Z, and is also entered in the formulation spreadsheet. Please label each part.

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### What should I enter in each column?

**CAS Number (Chemical Abstracts Service registry number):**

This is a systematic numbering convention that uniquely identifies each chemical. You may be able to find this information on the MSDS for the ingredient. If the ingredient is a mixture of several chemicals, enter the word "mixture". Multiple resources are available on the internet and elsewhere to find specific CAS numbers (e.g., http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp). All CAS numbers are up to nine digits, which are separated into three groups by hyphens. This part of the number starting from the left, has up to six digits; the second part after the first hyphen has two digits. Finally, the third part of the CAS number following the last hyphen is a single digit. For example, a CAS number may look similar to 123456-12-1. If it is not in this format, it is not a valid CAS number. If you cannot determine a CAS number for an ingredient, leave this area blank.

**Chemical name:**

This can be found on the MSDS for the ingredient.

**Trade name:**

Enter the unique name or number of the ingredient as you buy it from your supplier. This information can be obtained from your purchasing department. A generic description such as antioxidant, pigment or stabiliser is not sufficient.

**Supplier name:**

Enter the name of the company from whom you buy this ingredient. Each alternate supplier on a separate line.

**Concentration or % strength:**

This is the percent by weight or percent by volume of the active ingredient. For example, phosphoric acid is commonly sold in several strengths including 36%, 70%, 75%, 80% and 85%. If you use a single strength such as 80%, enter that value in the "single value" column. If you use a range of percentages such as 70%-85%, enter the low amount of the range in the "low %" column, and enter the high amount in the "high %" column.

**Percent in formulation:**

For each ingredient in this formulation please enter its percentage in the formulation. The total of all ingredients must be 100%. If you use a single % such as 0.3, enter the value in the "single value" column. If you use a range of percentages such as 5%-7%, enter the low amount of the range in the "low %" column, and enter the high amount in the "high %" column.